

Primary Four Examination Papers

2015

Mathematics

1	Anglo Chinese School	CA1	SA1	CA2	SA2
2	Rosyth School	CA1	SA1		SA2
3	Methodist Girls School	CA1	SA1		SA2
4	Chij St Nicholas Girls School		SA1		SA2
5	Henry Park Primary School		SA1		SA2
6	Maha Bodhi School		SA1		SA2
7	Maris Stella High School		SA1		SA2
8	Nan Hua Primary School		SA1	CA2	SA2
9	Nanyang Primary School		SA1		SA2
10	Pei Chun Public School		SA1		SA2
11	Pei Hwa Presbyterian Primary School		SA1		SA2
12	Raffles Girls Primary School		SA1		SA2
13	Red Swastika School		SA1		SA2
14	Rulang Primary School		SA1		SA2
15	Singapore Chinese Girls School		SA1		SA2
16	Tao Nan School		SA1		SA2

Anglo-Chinese School (Junior)



CONTINUAL ASSESSMENT 1 (2015) PRIMARY 4 MATHEMATICS

Tuesday

3 March 2015

1 hour 15 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 21 questions in this booklet.

Answer ALL questions.

Name : _____ ()

Class : 4.()

Parent's Signature _____

Section	Possible Marks	Marks Obtained
A	20	
B	14	
C	16	
Total	50	

This question paper consists of 12 printed pages (inclusive of cover page).

Section A

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice and write its number (1, 2, 3 or 4) in the brackets provided.

(20 marks)

1. $40\ 000 + 7\ 000 + 300 + 5 = \underline{\hspace{2cm}}$

- 1) 40 735
- 2) 47 035
- 3) 47 305
- 4) 47 350

()

2. Which of the following, when rounded off to the nearest thousand, is 60 000?

- 1) 59 399
- 2) 59 921
- 3) 60 504
- 4) 60 897

()

3. Express 8 l 4 ml in ml.

- 1) 804 ml
- 2) 840 ml
- 3) 8004 ml
- 4) 8040 ml

()

4. Which of the following set of fractions is arranged ~~in~~ from the smallest to the greatest?

1) $\frac{7}{10}$, $\frac{7}{8}$, $\frac{7}{11}$

2) $\frac{2}{12}$, $\frac{2}{11}$, $\frac{2}{5}$

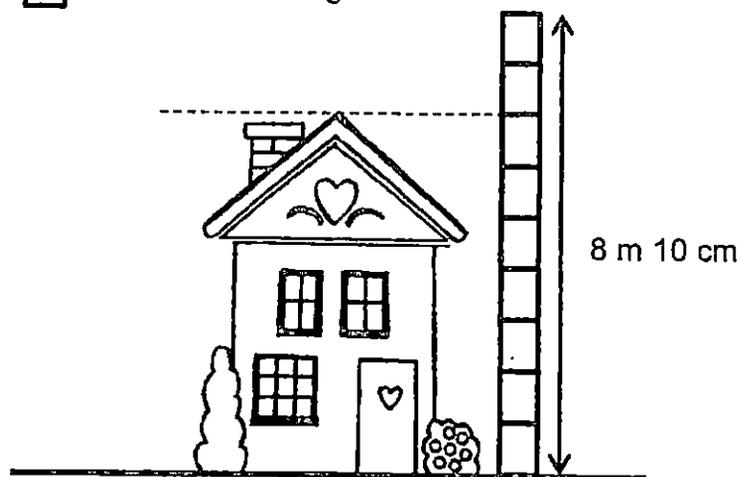
3) $\frac{3}{5}$, $\frac{3}{7}$, $\frac{4}{5}$

4) $\frac{1}{4}$, $\frac{3}{4}$, $\frac{2}{4}$

()

5. What is the height of the house?

Each has the same height.



1) 3 m 60 cm

2) 4 m 90 cm

3) 5 m 60 cm

4) 6 m 30 cm

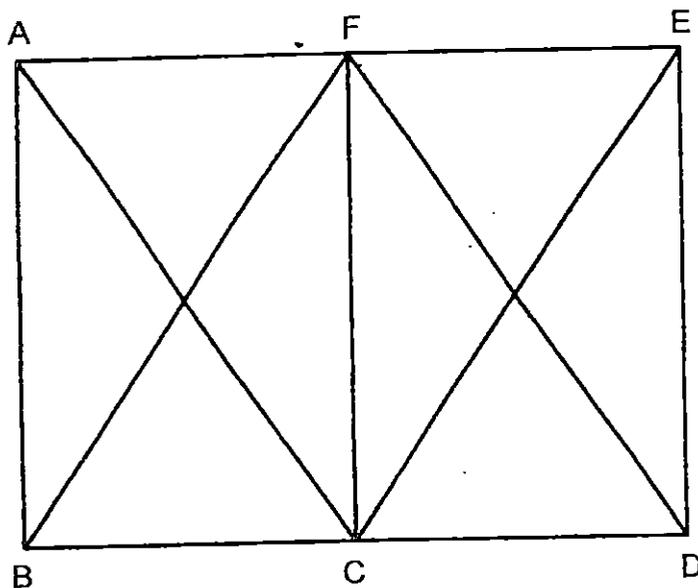
()

6. Which of the following is the best estimate for 78×33 ?

- 1) 100
- 2) 110
- 3) 2100
- 4) 2400

()

7. Which one of the following statements is correct about the figure?



- 1) Line CD is parallel to AF.
- 2) Line BF is parallel to CF.
- 3) Line AB is perpendicular to Line DE.
- 4) Line EF is perpendicular to Line CE.

()

The table shows the number of 50¢ coins and \$2 notes that four girls saved. Use the table to answer question 8 and 9.

Name	50¢ coins		\$2 notes	
	Number of coins collected	Amount saved (\$)	Number of notes collected	Amount saved (\$)
Jamie	23	11.50 41.00	17	34
Kelly	5	2.50	22 21	?
Lynn	27	13.50	16	32
Mandy	12	6.00	20	40

8. How many coins did both Jamie and Lynn collect?

- 1) 17
- 2) 33
- 3) 44
- 4) 50

()

9. Who saved the least amount of money?

- 1) Jamie
- 2) Kelly
- 3) Lynn
- 4) Mandy

()

10. There are 45 rows of 13 seats in Victory Concert Hall. 117 people attended a concert at Victory Concert Hall. How many seats were not occupied during the concert?

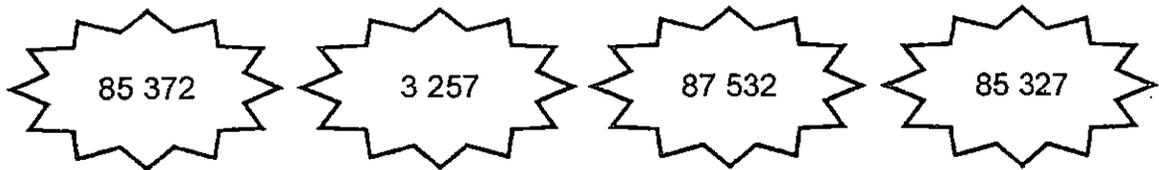
- 1) 53
- 2) 63
- 3) 468
- 4) 568

Section B

Questions 11 to 17 carry 2 marks each. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

(14 marks)

11. Arrange the numbers below in order, beginning with the greatest.

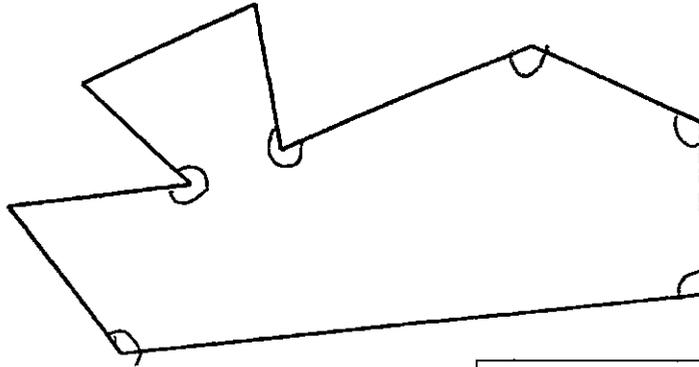


_____ , _____ , _____ , _____

Greatest

12. ÷ 6 = 193 R 5

13. How many angles inside this figure are bigger than a right angle?



14. Alice picked two different numbers from a box. One of their common multiples is 24 and the sum of all the factors of the smaller number is 7. The bigger number is 8. What is the smaller number?

15. Ken has some marbles. He has twice as many marbles as his brother. Given that they have 816 marbles altogether, how many marbles does his brother have?

16. Sam and Tim ate $\frac{3}{4}$ of a pizza. Sam ate $\frac{7}{12}$ of the pizza. What fraction of the pizza did Tim eat? Leave your answer in the simplest form.

17. Lisa and Terry had the same number of sweets at first. Lisa gave 15 sweets away to her sister. In the end, Terry had four times as many sweets as Lisa. How many sweets did Lisa have at first?

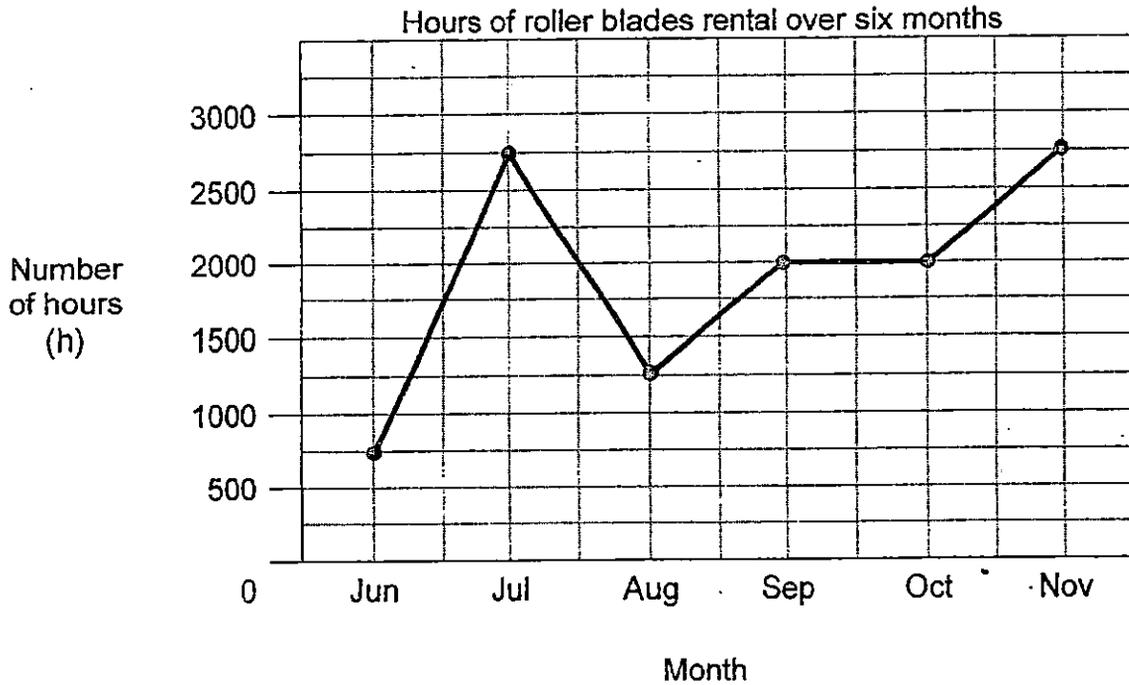
Section C

Questions 18 to 21 carry 4 marks each. For each question, show your working clearly as marks will be given for working and relevant statements.

(16 marks)

18. Jenny baked 3820 pineapple tarts. Amy baked thrice as many pineapple tarts as Ginny. Given that Ginny baked 290 more pineapple tarts than Jenny, how many pineapple tarts did Amy bake?

19. Learn-To-Blade shop rents out roller blades by the hour. The line graph shows the hours of roller blade rental over six months.



- (a) The number of hours of roller blade rental for May was 673 hours less than the number of hours for November, how many hours of roller blade rental were there in May?
- (b) The owner charged \$8 per hour for the rental. What was the total amount of money he collected for July and August?

20. Justin bought a television set, a sofa set and a computer for \$10 540, The computer cost \$1500 less than the sofa set. The television set cost \$2350 more than the sofa set. How much did Justin pay for the sofa set?

21. Zachary invited 162 guests to his party. They were seated in tables of nine. Each guest was given 7 boxes of chocolates and each table was given 15 extra boxes of chocolates. How many boxes of chocolates did Zachary give out altogether?

End of Paper

LEVEL : PRIMARY 4
SCHOOL : ANGLO CHINESE SCHOOL (JUNIOR)
SUBJECT : MATHEMATICS
TERM : CA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	3	2	4	4	1	4	2	3

Q11. 87532, 85372, 85327, 3257

Q12. 1163 Q13. 6 angles Q14. 4 Q15. 272 marbles

Q16. $\frac{1}{6}$ Q17. 20 sweets

Q18. 12330 tarts $\rightarrow 1u=3820+290=4110$, $3u \rightarrow 4110 \times 3 = 12330$

Q19a. 2077 hours $\rightarrow 2750 - 673 = 2077$

Q19b. \$32000 $\rightarrow 2750 + 1250 = 4000$, $4000 \times 8 = 32000$

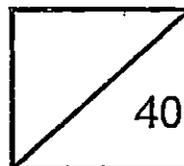
Q20. \$3230 $2350 + 3000 = 5350$ $10540 - 5350 = 5190$ $5190 \div 3 = 1730$ $1730 + 1500 = 3230$
--

Q21. 1404 boxes $162 \div 9 = 18$ $18 \times 15 = 270$ $162 \times 7 = 1134$ $1134 + 270 = 1404$
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Rosyth School
Topical Test 1
Mathematics
Primary 4

Total



Name: _____

Class: Pr 4 - _____

Register No. _____

Duration: 55 min

Date: 27th February 2015

Parent's Signature: _____

Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts, Sections A, B and C.

	Maximum	Marks Obtained
Section A	10	
Section B	14	
Section C	16	
Total	40	

* This paper consists of 9 pages altogether. (Including this cover page)

SECTION A (10 marks)

Choose the correct answer and write its number in the brackets provided. Each question carries 2 marks.

1. Eighty-eight thousand, eight hundred and eight written in numerals is

_____.

- (1) 80 888
- (2) 88 088
- (3) 88 808
- (4) 88 880

()

2. Which of the following is a common multiple of 4 and 8?

- (1) 6
- (2) 8
- (3) 12
- (4) 4

()

3. Which of the following fractions has the greatest value?

- (1) $\frac{1}{2}$
- (2) $\frac{3}{4}$
- (3) $\frac{5}{6}$
- (4) $\frac{7}{12}$

()

4. Ravi's string is $3\frac{1}{2}$ m long. His string is $\frac{1}{4}$ m shorter than Samuel's string.
How long is Samuel's string?

(1) $3\frac{1}{4}$ m

(2) $3\frac{3}{4}$ m

(3) $3\frac{2}{6}$ m

(4) $3\frac{1}{8}$ m

()

5. Boston left his home at 11.58 a.m. to meet his friend for lunch at the mall. He took 1 h 12 min to reach the mall. What time did Boston arrive to meet his friend?

(1) 10.46 a.m.

(2) 10.46 p.m.

(3) 1.10 a.m.

(4) 1.10 p.m.

()

SECTION B (14 marks)

Show your working clearly in the space below each question and write your answer in the answer boxes provided. Give your answers in the units stated. Questions 6 to 9 carry 1 mark each. Questions 10 to 14 carry 2 marks each.

6. What is the value of the digit 5 in 37 531?

7. List all the factors of 24.

8. What is the difference between $\frac{4}{5}$ and $\frac{7}{10}$? (Leave your answer in the simplest form)

9. Jane and Ahmad stayed back in school to help decorate the classroom. Ahmad spent 2 h 45 min to decorate the classroom. Jane went home 20 min earlier than Ahmad. How much time did Jane spend decorating the class?

10. Find the value of $3\,321 - 892$. Round off the answer to the nearest hundred.

11. Find the sum of all the common factors of 12 and 15.

12. Find the product of 364 and 28. Round off your answer to the nearest ten.

13. The sum of two numbers is 732 while their difference is 26. What is the smaller number?

14. Lina had 2 kg of cookies. She gave away $\frac{3}{4}$ kg of cookies and bought another $\frac{1}{8}$ kg of cookies. What was the total mass of cookies Lina have in the end?
(Leave your answer in the simplest form)

SECTION C (16 marks)

Show your working clearly in the space below each question and write your answers in the blanks provided. Each question carries 4 marks.

15. Daniel saved \$75. He saved \$30 less than Ahmad. The total amount of money Daniel and Ahmad saved was twice the amount Lila saved. How much money did Lila save?

Answer: _____ (4m)

16. A fruit seller bought 52 boxes of oranges. There are 48 oranges in each box. 36 oranges were rotten and he repacked the rest into packets of 6. How many packets of oranges would he have?

Answer: _____ (4m)

7

17. A pencil case costs \$12. It costs twice as much as a file. Mrs Lim bought 30 pencil cases and 20 files. She then had \$339 left. How much did she have at first?

Answer: _____ (4m)

18. There were a total of 28 cows and chickens on a farm. Farmer Dan counted a total of 74 legs. How many cows were there?

Answer: _____ (4m)

End of Paper
P4 Mathematics 2015

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : ROSYTH SCHOOL

SUBJECT : MATHS

TERM : CA1

Q1	Q2	Q3	Q4	Q5
3	2	3	2	4

Q6. 500

Q7. 1,2,3,4,6,8,12,24

Q8. $\frac{1}{10}$

Q9. 2h25min

Q10. 2400

Q11. 4 → (1),2,(3) , 4,6,12 , (1), (3) , 5,15

Q12. 10190 → $364 \times 28 = 10192$, $10192 \approx 10190$

Q13. 353 → $732 - 26 = 706$, $706 \div 2 = 353$.

Q14. $1\frac{3}{8}$ kg

Q15. \$90. → Ahmad = $75 + 30 = 105$, Ahmad & Daniel = $105 + 75 = 180$, Lila = $180 \div 2 = 90$.

Q16. 410 → 1 box = 48 oranges, 52 boxes = $52 \times 48 = 2496$, $2496 - 36 = 2460$, $2460 \div 6 = 410$.

Q17. \$819. → $30pc = 30 \times 12 = 360$, $20f = 6 \times 20 = 120$, $12 \div 2 = 6$, $360 + 120 = 480$, $480 + 339 = 819$.

Q18. 9. Assume everything is cow , $28 \times 4 = 112$, $112 - 74 = 38$, $4 - 2 = 2$, $38 \div 2 = 19$, $28 - 19 = 9$

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



CONTINUAL ASSESSMENT 2015 PRIMARY 4 MATHEMATICS

Total Time: 1 h 30 min

INSTRUCTIONS TO CANDIDATES

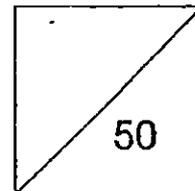
Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 3 March 2015

PARENT'S SIGNATURE:



This booklet consists of 11 printed pages including this page.

Section A

Questions 1 to 4 carry 1 mark each, Questions 5 to 10 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (16 marks)

- 1 Sixty-five thousand and twelve in humeral is _____.
- (1) 6 512
 - (2) 65 012
 - (3) 65 120
 - (4) 60 512
- 2 What is the value of the digit 4 in 54 623?
- (1) 4 000
 - (2) 400
 - (3) 40
 - (4) 4
- 3 Which of the following numbers when rounded off to the nearest 10 is 38 100?
- (1) 37 099
 - (2) 37 999
 - (3) 38 049
 - (4) 38 099
- 4 The difference between 4 008 and 1 936 is _____.
- (1) 3 072
 - (2) 3 062
 - (3) 2 072
 - (4) 2 062
- 5 The number of children in a school when rounded off to the nearest hundred is 2 300. What is the **greatest** possible number of pupils in the school?
- (1) 2 399
 - (2) 2 349
 - (3) 2 299
 - (4) 2 250

6 Shop A and Shop B sold a total of 5 024 donuts. Shop B sold 618 more donuts than Shop A. How many donuts did Shop B sell?

- (1) 1 585
- (2) 2 203
- (3) 2 821
- (4) 4 406

7 John is thinking of a number. It is a factor of 56.
When it is divided by 6, it has a remainder of 4.
What is the number John is thinking of?

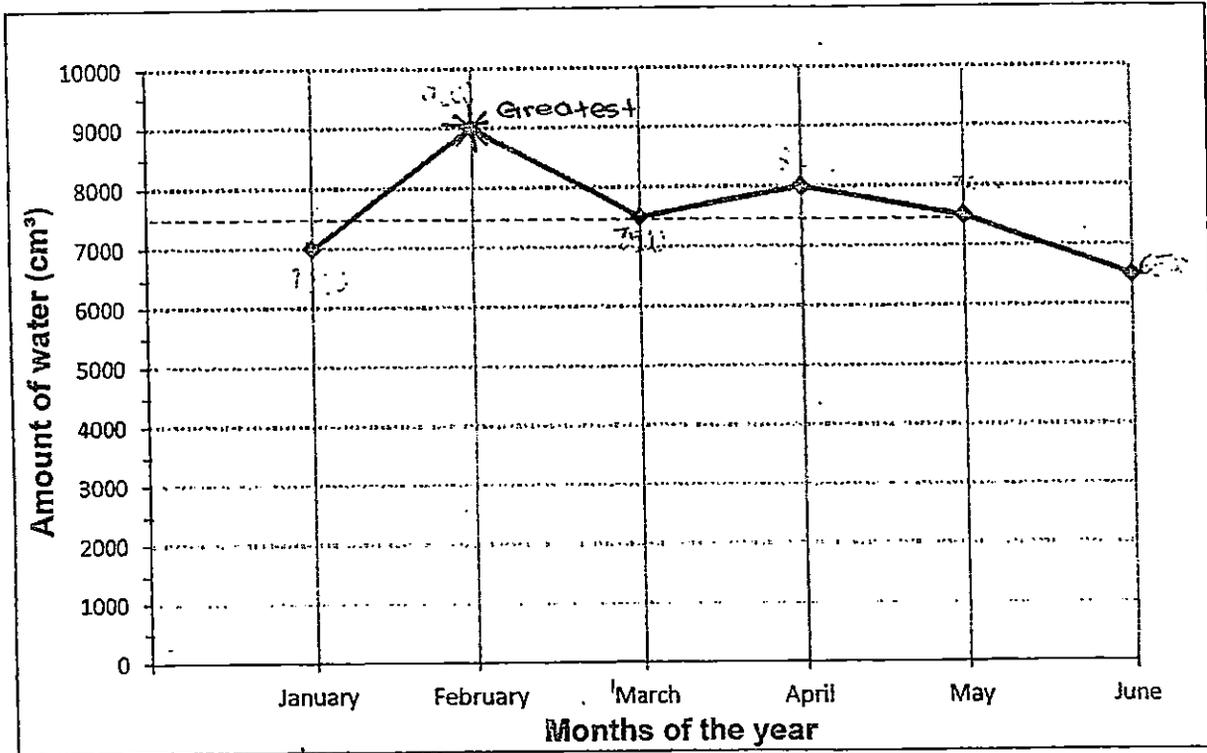
- (1) 14
- (2) 24
- (3) 28
- (4) 56

8 Jemima spent \$21 this week. Each week, she spent \$3 more than the week before. How much did Jemima spend three weeks ago?

- (1) \$9
- (2) \$12
- (3) \$15
- (4) \$18

Use the graph below to answer Questions 9 and 10.

The graph below shows the amount of water used by the Wong family from January to June.



- 9 Which 1-month interval was the decrease in the amount of water used greatest?
- (1) Between January and February
 - (2) Between February and March
 - (3) Between April and May
 - (4) Between May and June
- 10 For every 1000 cm³ of water used, Mr Wong has to pay \$4
How much would Mr Wong have to pay for the amount of water used in the first 3 months of the year?
- (1) 82
 - (2) 87
 - (3) 94
 - (4) 812

(Go on to the next page)

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Section B

Questions 11 to 14 carry 1 mark each, Questions 15 to 20 carry 2 marks each. Write your answers in the space provided.

For questions which require units, give your answers in the units stated. (16 marks)

11 Write 48 712 in words.

12 How many tens are there in two thousand and three hundred?

Ans: _____ tens

13 What is the first common multiple of 6 and 9?

Ans: _____

14 What is the common factor of 9 and 15 that is greater than 1?

Ans: _____

(Go on to the next page)

15 What is the remainder when you divide 4 321 by 7?

Ans: _____

16 Mrs Rani's age is the fourth multiple of 12. If Mrs Rani's age is 8 times her daughter's age, how old is her daughter?

Ans: _____

17 What is the product of 259 and 26?

Ans: _____

18 Complete the following pattern.

10 314, 15 320, 20 326, 25 332, 30 338, _____

Ans: _____

Study the table below carefully and answer questions. 19 and 20

The table below shows the number of people who visited the zoo on Christmas Day.

	Male	Female	Total
Adult (men and women)	675	385	?
Children (boys and girls)	310	?	680

19 How many girls visited the zoo?

Ans: _____

20 Each adult ticket costs \$25. How much did the cashier collect from the sale of adult tickets?

Ans: _____

Section C

Questions 21 and 22 carry 3 marks each, Questions 23 to 25 carry 4 marks each. Show your working clearly in the space provided for each question and write your answers in the space provided. (18 marks)

- 21 Mr Tan has more than 25 but fewer than 40 sweets. If he gives them away in packets of 4 or 6, he will have none left. How many sweets does Mr Tan have?

Ans: _____ [3m]

- 22 A baker bought 200 kg of flour.
He used 90 kg to bake bread and 26 kg to bake pizzas.
He put the remaining flour into 3 bags equally.
What is the mass of flour in each bag?

Ans: _____ [3m]

- 23** At a stall, a jar of cookies is sold at \$24. For every \$30 spent, a customer is given 3 hongbao packets. Mrs Lim bought 6 jars of cookies.
- (a) How much did Mrs Lim pay?
 - (b) How many hongbao packets did she get?

Ans: (a) _____ [2m]

(b) _____ [2m]

- 24 2 boxes of crayons and 3 boxes of colour pencils cost \$54.
A box of crayons is \$3 cheaper than a box of colour pencils.
What is the cost of 1 box of colour pencils?

Ans: _____ [4m]

25 Alice, Rita and Min have 420 beads altogether.
After Rita gave Min 20 beads and Min gave Alice 10 beads, they all have equal number of beads.

- a) How many beads did each girl have at the end?
- b) How many beads did Min have at first?

Ans: (a) _____ [2m]

(b) _____ [2m]

THE END

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : METHODIST GIRLS' SCHOOL (PRIMARY)

SUBJECT : MATHEMATICS

TERM : CA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	4	3	2	3	3	2	2	3

Q11. Forty eight thousand, seven hundred and twelve

Q12. 230 tens Q13. 18 Q14. 3 Q15. 2 Q16. 6

Q17. 6734 Q18. 35344 Q19. $370 \rightarrow 680 - 310 = 370$

Q20. $\$26500 \rightarrow 675 + 385 = 1060, 1060 \times 25 = 5300, 5300 + 21200 = 26500$

Q21. $36 \rightarrow 36 \div 4 = 9, 36 \div 6 = 6$

Q22. $28\text{kg} \rightarrow 90 + 26 = 116, 116 \rightarrow \text{flour used}, 200 - 116 = 84, 84 \div 3 = 28$

Q23a. $\$144 \rightarrow 6 \text{ jars} \times 24 \text{ (amount of money)} = 144$

Q23b. $12 \rightarrow 144 \div 30 = 4\text{R}24, 4 \times 3 = 12$

Q24. $\$12 \rightarrow 3 \times 3 = 9, 54 - 9 = 45, 45 \div 5 = 9, 9 \rightarrow 1 \text{ unit (1 box of crayons)}, 9 + 3 = 12$

Q25a. $140 \rightarrow 420 \div 3 = 140, 140 \rightarrow 1 \text{ unit (at the end)}$

Q25b. $130 \rightarrow 140 - 10 = 130, 20 - 10 = 10 \text{ (minus because beads were gave to Alice)}$



Anglo-Chinese School (Primary)

MID-YEAR EXAMINATION 2015
MATHEMATICS
BOOKLET A
PRIMARY FOUR

Date: 7 May 2015

Duration of Booklets A & B: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 8 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Shade your answer on the Optical Answer Sheet (OAS) provided.

SECTION A - Multiple Choice Questions (30 MARKS)

Questions 1 to 15 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1. The value of the digit 5 in 51 408 is _____.
- (1) 5 hundreds
 - (2) 5 thousands
 - (3) 50 hundreds
 - (4) 50 thousands
2. 3 ten thousands, 8 hundreds, 12 tens and 4 ones is the same as _____.
- (1) 30 816
 - (2) 30 924
 - (3) 38 016
 - (4) 38 124
3. 13 872 rounded off to the nearest hundred is _____.
- (1) 13 000
 - (2) 13 800
 - (3) 13 870
 - (4) 13 900

4. Which of the following is both a multiple of 6 and 8?
- (1) 46
 - (2) 32
 - (3) 24
 - (4) 18
5. Tom is 10 years old. His brother is twice as old as him. What is their total age in 4 years' time?
- (1) 38
 - (2) 34
 - (3) 30
 - (4) 20
6. Which of the following is not an equivalent fraction of $\frac{5}{6}$?
- (1) $\frac{10}{12}$
 - (2) $\frac{15}{24}$
 - (3) $\frac{25}{30}$
 - (4) $\frac{30}{36}$

7. Find the value of $\frac{11}{12} - \frac{3}{4}$.

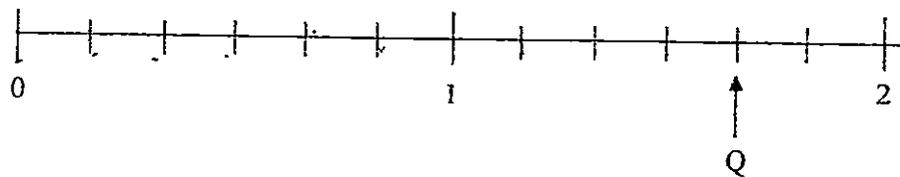
(1) $\frac{1}{6}$

(2) $\frac{1}{5}$

(3) $\frac{5}{3}$

(4) $\frac{8}{8}$

8. Which of the following mixed numbers is represented by the letter Q on the number line shown?



(1) $1\frac{4}{5}$

(2) $1\frac{3}{4}$

(3) $1\frac{2}{3}$

(4) $1\frac{1}{2}$

9. Which of the following figures has perpendicular lines?

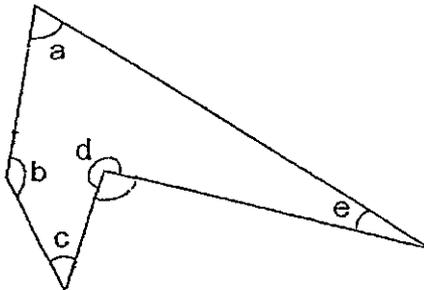
(1) W

(2) N

(3) C

(4) H

10. In the figure below, which angles are greater than a right angle?



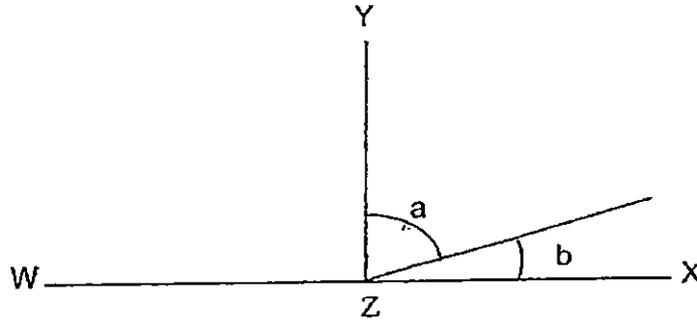
(1) $\angle a$ and $\angle c$

(2) $\angle b$ and $\angle d$

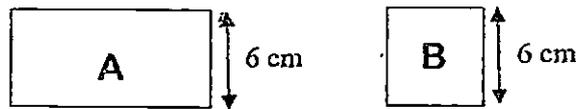
(3) $\angle c$ and $\angle d$

(4) $\angle d$ and $\angle e$

13. The figure below is not drawn to scale. WX is perpendicular to YZ. Which one of the following statements is correct?

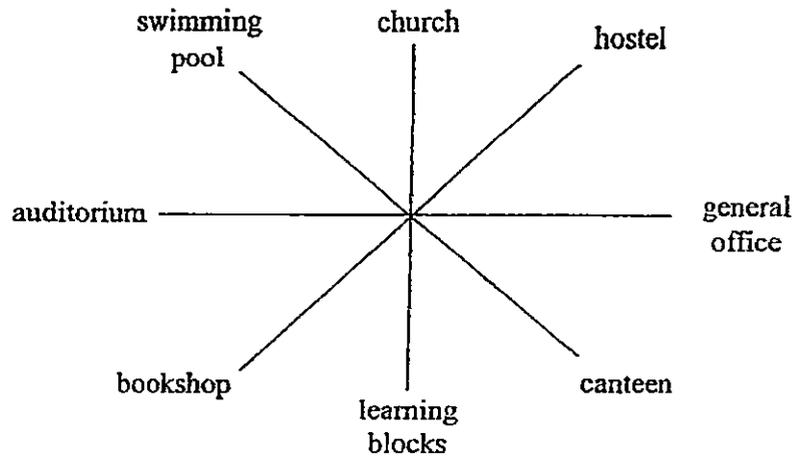


- 1) $\angle a$ is smaller than $\angle b$
 - 2) $\angle a = \angle b$
 - 3) $\angle a = 90^\circ + \angle b$
 - 4) $\angle a + \angle b = 90$
- 14 The figure below shows Rectangle A and Square B. The perimeter of Rectangle A is equal to the area of Square B. Find the area of the Rectangle A.



- (1) 12 cm^2
- (2) 24 cm^2
- (3) 36 cm^2
- (4) 72 cm^2

15. Ger dine is facing the learning blocks at first. When she turns 133° anti-clockwise, she will be facing the _____.



- (1) church
- (2) general office
- (3) hostel
- (4) swimming pool

End – of – Booklet A



Anglo-Chinese School (Primary)

MID-YEAR EXAMINATION 2015
MATHEMATICS
BOOKLET B
PRIMARY FOUR

Name: _____ () Class: Primary 4 ____

Date: 7 May 2015

Duration of Booklets A & B: 1 hour 45 minutes

Parent's/Guardian's signature

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 16 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

Section	Maximum Marks	Marks Obtained
A. Multiple-Choice Questions	30	
B. Short Answers	40	
C. Problem Sums	30	
Total Marks	100	

SECTION B - Short Answer Questions (40 Marks)

Questions 16 to 35 carry 2 marks each. Show all workings clearly.
Write your answer in the space provided. Give your answers in the units stated and in its simplest form whenever possible.

16. Write ninety thousand, four hundred and eight in figures.

Answer : _____

17 Write the missing number in the number pattern below.

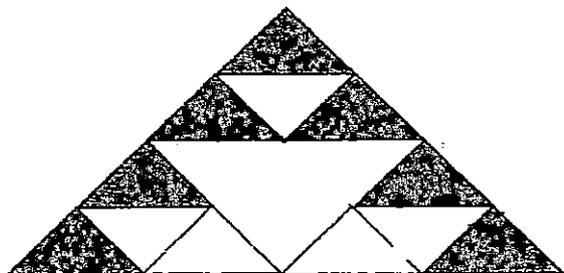
13 427, 13 562 , _____ , 13 832 , 13 967

Answer : _____

18 Four factors of 99 are 1, 9, 11 and 99. What are the other two factors of 99?

Answer : _____ and _____

19. The figure below is made up of identical triangles. What fraction of the figure below is unshaded?



Answer : _____

20. $2\frac{7}{9} + \frac{1}{3} =$ _____

Express your answer as a mixed number.

Answer : _____

21. Which two of the fractions below are smaller than $\frac{2}{3}$?

$$\frac{3}{4}, \frac{4}{9}, \frac{5}{6}, \frac{5}{12}$$

Answer : _____ and _____

22. What is the missing number in the box?

$$8\frac{3}{5} = \frac{\boxed{?}}{10}$$

Answer : _____

23. Using the digits 2, 7, 3, 1 and 6, form the largest and smallest 5-digit number and find the difference between them.

Answer : _____

24. Arrange the following numbers from the smallest to the greatest.

48 723 , 47 382 , 48 732 , 47 832

Answer : _____ , _____ , _____ , _____
(smallest) (greatest)

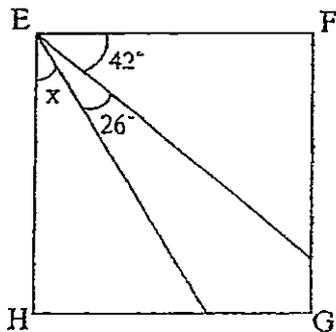
25. Mr Choo earns \$9 600 in 3 months. If he earns the same amount each month, how much will he earn in half a year?

Answer : \$ _____

26. The cost of 5 books is the same as the cost of 13 bags. If each bag cost \$35, what is the cost of each book?

Answer : \$ _____

27. In the figure below, EFGH is a square. Find $\angle x$.

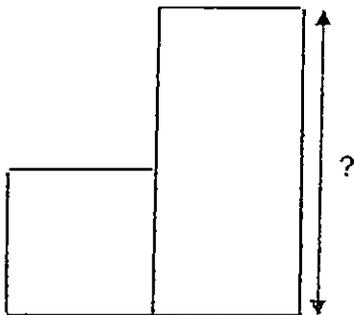


Answer : _____ °

28. There are 42 pupils in a class. 18 of them are girls. $\frac{5}{6}$ of the boys in the class can play chess. How many boys can play chess?

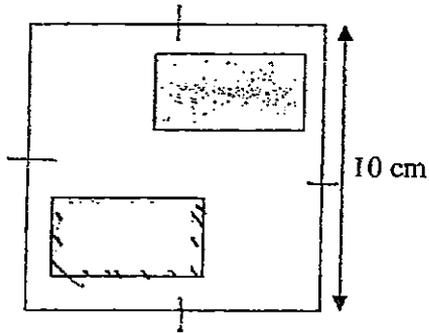
Answer : _____

29. The figure below is made up of a square and a rectangle. The area of the square is 64 cm^2 . The breadth of the rectangle is the same as the length of the square. If the total area of the figure is 352 cm^2 , what is the length of the rectangle?



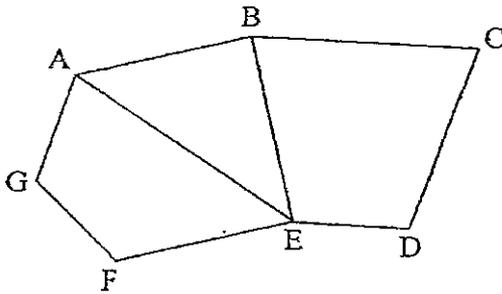
Answer : _____ cm

30. The figure below shows 2 identical rectangles in a square. The area of one rectangle is $\frac{1}{5}$ of the area of the square. Find the area of the two rectangles.



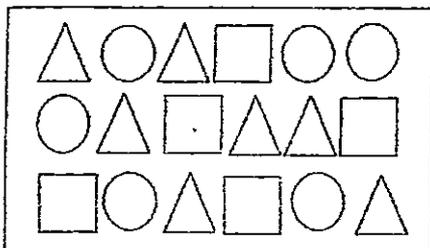
Answer : _____ cm²

31. One of the lines in the figure is parallel to CD.
Which line is parallel to CD?



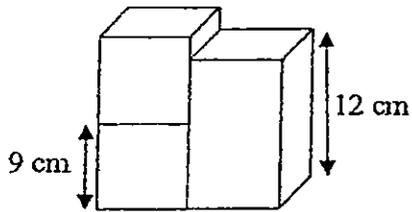
Answer : _____

32. There are 18 figures in the box below. What fraction of the figures are circles?
Express your answer in the simplest form.



Answer : _____

33. Boxes that are 9 cm high are being stacked next to boxes that are 12 cm high. What is the shortest height at which the two stacks will be of the same height?

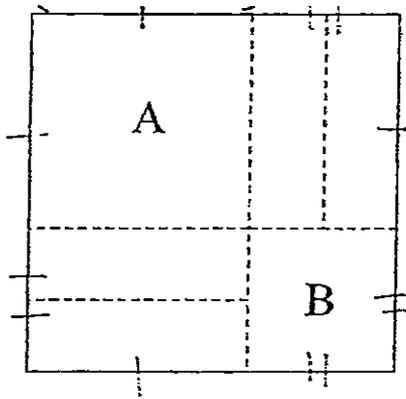


Answer : _____ cm

34. A packet of flour weighs 1 000 g. Miss Tan used $\frac{1}{10}$ of it for baking and gave $\frac{1}{5}$ to her sister. How much flour had she left?

Answer : _____ g

35. The figure below is made up of Square A, Square B and 4 identical rectangles. If the area of Square A is 49 cm^2 and Square B is 25 cm^2 , what is the perimeter of the figure?



Answer : _____ cm

SECTION C - Problem Sums (30 Marks)

For each question from 36 to 43, show your working and mathematical statements clearly in the space below each question. Write your answer in the answer space provided. Give your answers in the units stated and in its simplest form whenever possible. Marks awarded are shown in the brackets [].

- 36 A tailor bought some buttons to sew on some shirts. She sewed 12 buttons on each shirt and had 43 buttons left. How many buttons did the tailor buy if she sewed 136 shirts?

Answer: _____ [3]

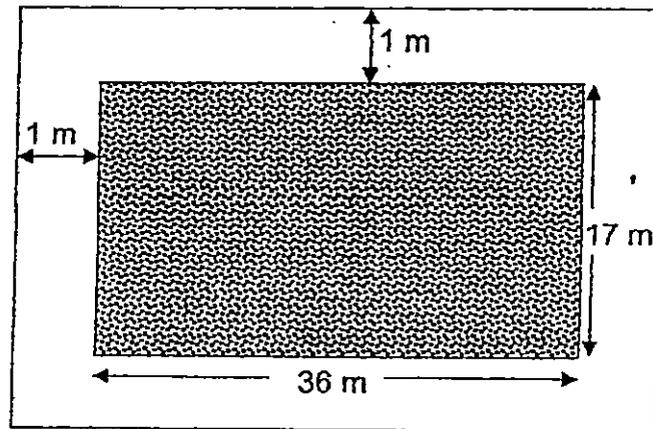
37. 2 similar mangoes and 4 similar oranges weigh $\frac{4}{5}$ kg. If each orange weighs $\frac{1}{10}$ kg, what is the mass of 20 mangoes?

Answer: _____ [3]

38. Paul bought 4 chairs and a table for \$2680. The table costs \$485 more than the cost of a chair. Find the cost of the table.

Answer : _____ [4]

39. Miss Chua has a vegetable garden measuring 36 m by 17 m. There is a path with a border of 1 m along each side of the vegetable garden. Find the area of the path.



Answer: _____ [4]

40. Marcell and Niva had the same number of cards. When Marcell gave away 128 of his cards and Niva gave away 35 cards, Niva had 4 times as many cards as Marcell. How many cards did each of them have at first?

Answer: _____ [4]

41. A rectangular room measures 48 m by 37 m.

a) What is the perimeter of the room?

b) Ali covered $\frac{5}{8}$ of the room with carpet. What is the area of the room not covered with carpet?

Answer: (a) _____ [1]

(b) _____ [3]

42. Ray had some marbles. He gave 369 of them to his neighbour and sold $\frac{2}{7}$ of the remainder to his friends. Ray was then left with 105 marbles. How many marbles did Ray have at first?

Answer: _____ [4]

43. At a carnival, the number of males is equal to the number of females. After half a day, $\frac{5}{12}$ of the males and $\frac{2}{3}$ of the females left the carnival. If 2576 males remained at the carnival, how many females remained at the carnival?

Answer: _____ [4]

End – of – Paper

EXAM PAPER 2015**LEVEL : PRIMARY 4****SCHOOL : ANGLO CHINESE SCHOOL PRIMARY (BAKER ROAD)****SUBJECT : MATHS****TERM : SA1**

Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	Q 10
4	2	4	3	1	2	1	3	4	2
Q 11	Q 12	Q 13	Q 14	Q 15					
2	3	4	4	3					

Q16. 90408. Q17. 13697. Q18. 3 and 33 Q19. $\frac{9}{16}$ Q20. $3\frac{1}{9}$

Q21. $\frac{4}{9}$ and $\frac{5}{12}$ Q22. 86. Q23. 76321

Q24. 47382, 47832, 48723, 48732 Q25. \$19200

Q26. \$91 $\rightarrow 35 \times 13 = 455, 455 \div 5 = 91$

Q 27. 22° Q28. $20 \rightarrow 42 - 18 = 24, 24 \div 6 = 4, 4 \times 5 = 20$

Q29. 36cm $\rightarrow 352 - 64 = 288, 288 \div 8 = 36.$

Q30. $40\text{cm}^2 \rightarrow 10 \times 10 = 100, 100 \div 5 = 20, 20 + 20 = 40$

Q31. AG Q32 $\frac{1}{3}$ Q33. 36cm Q34. 700g $\rightarrow 1000 \div 10 = 100, 100 \times 7 = 700$

Q35. 48cm \rightarrow perimeter $\rightarrow 49 = 7 \times 7, 25 = 5 \times 5, (7 \times 4) + (5 \times 4) = 48$

Q36. 1675 $\rightarrow 136 \times 12 = 1632, 1632 + 43 = 1675$

Q37. 4kg $\rightarrow \frac{1}{5} \times 20 = \frac{20}{5} = 4$

Q38. \$924. $\rightarrow 2680 - 485 = 2195, 2195 \div 5 = 439, 439 + 485 = 924$

Q39. $110\text{m}^2 \rightarrow 1+1=2, 36+2=38, 1+1=2, 17+2=19, 38 \times 19 = 722, 36 \times 17 = 612, 722 - 612 = 110$

Q40. 159 $\rightarrow 30 \rightarrow 93 (128 - 35), 1U \rightarrow 31, 4U \rightarrow 124, 124 + 35 = 159$

Q41a. 170m, Q41b. $666\text{m}^2 \rightarrow 48 \times 37 \times 2 = 170, 48 \div 8 = 6, 37 \times 18 = 666$

Q42. 516 $\rightarrow 5U$ of remainder {or} $\rightarrow 105, 1U$ or 21 $\rightarrow 21, 7U \rightarrow 147, 369 + 147 = 516$

Q43. 1472 $\rightarrow 7U \rightarrow 2576, 1U \rightarrow 368, 4U \rightarrow 1472$

**Anglo-Chinese School
(Junior)**



**SEMESTRAL ASSESSMENT 1 (2015)
PRIMARY 4**

**MATHEMATICS
Booklet A**

Wednesday

6 May 2015

1 h 45 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 20 questions in this booklet.

Answer ALL questions.

Name : _____ ()

Class : 4.

Parent's Signature: _____

This question paper consists of 9 printed pages. (Inclusive of cover page)

Section A

Questions 1 to 20 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS). (40 marks)

1. What is 909 less than 10 000?

(1) 9091

(2) 9101

(3) 9191

(4) 9909

2. How many sixths are there in $2\frac{1}{3}$?

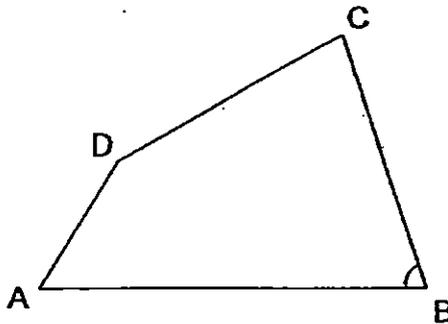
(1) 6

(2) 7

(3) 14

(4) 21

3. In the figure below, which angle is greater than a right angle?



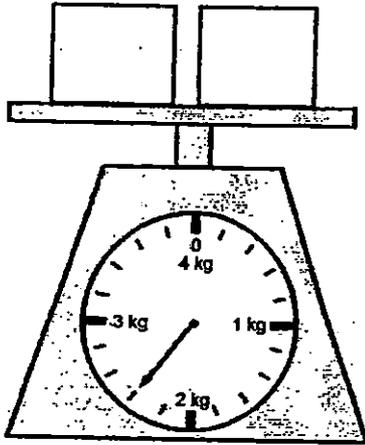
(1) $\angle DAB$

(2) $\angle ABC$

(3) $\angle BCD$

(4) $\angle CDA$

4. The figure below shows 2 identical boxes on a weighing scale.



Find the mass of 1 box.

- (1) 1 kg 100 g
 - (2) 1 kg 200 g
 - (3) 2 kg 400 g
 - (4) 2 kg 500 g
5. Erhu has five 20-cent coins and one 50-cent coin. She used some of the coins to buy a notebook without receiving any change. Which one of the following could be the cost of the notebook?
- (1) \$1.10
 - (2) \$1.20
 - (3) \$1.40
 - (4) \$1.70

6. Find the value of $\frac{3}{5} + \frac{3}{10} + \frac{3}{10}$

(1) $\frac{3}{5}$

(2) $\frac{9}{10}$

(3) $1\frac{1}{5}$

(4) $1\frac{1}{2}$

7. John's age is a multiple of 7 this year. His age next year will be a multiple of 6. What is John's age this year?

(1) 14

(2) 28

(3) 35

(4) 42

8. Muhaimin is facing south-west. He makes a $\frac{3}{4}$ -turn in a clockwise direction. In which direction is he facing now?

(1) East

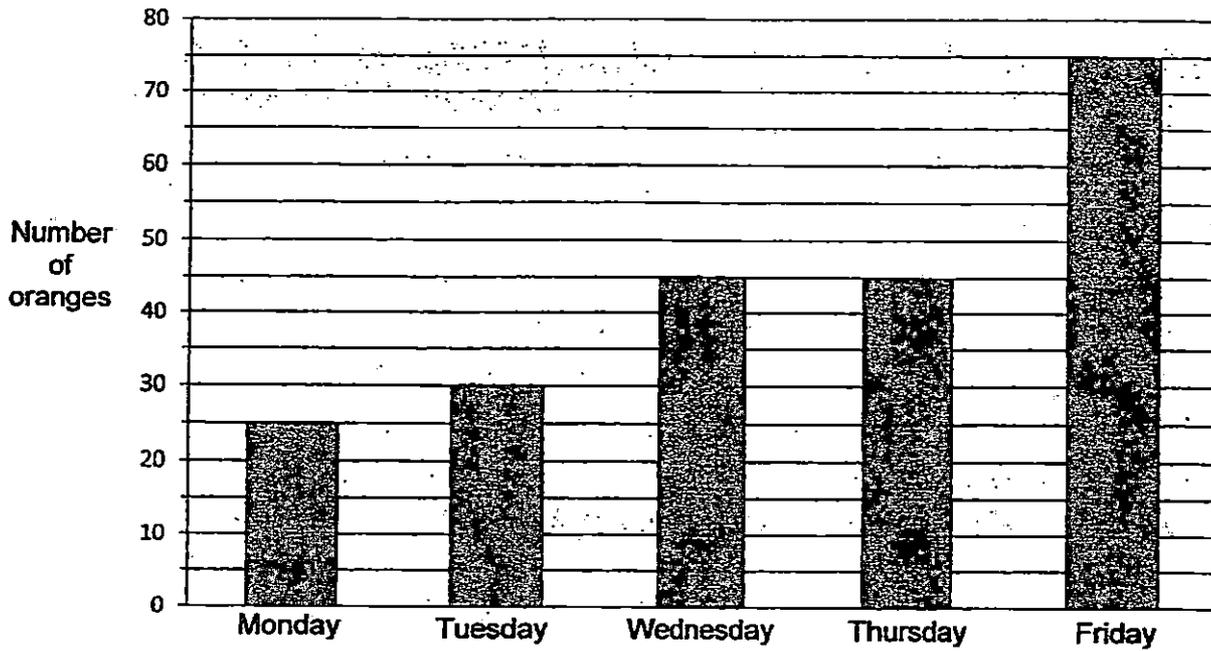
(2) North

(3) North-West

(4) South-East



The graph below shows the number of oranges sold by a farmer from Monday to Friday. Study the graph carefully and answer questions 9 and 10.



9. How many oranges were sold from Monday to Wednesday?

- (1) 55
- (2) 60
- (3) 75
- (4) 100

10. A pack of 5 oranges cost \$3. How much money did the farmer receive on Friday from the sale of oranges?

- (1) \$15
- (2) \$25
- (3) \$45
- (4) \$75

The table below shows the number of coins that a group of friends had collected. Study the table below carefully and answer questions 11 and 12.

Name	Number of 10-cent coins	Number of 20-cent coins	Number of 50-cent coins	Total number of coins
Alice	10	5	8	23
Gopal	?	7	8	28
Rahim	20	5	4	29

11. How many 10-cent coins did Gopal collect?

- (1) 10
- (2) 13
- (3) 30
- (4) 43

12. How much money did Rahim have?

- (1) \$5
- (2) \$2
- (3) \$3
- (4) \$4

13. Esther has 24 marbles. Half of them are white, 4 are red and the rest are green. What fraction of the marbles are green?

(1) $\frac{1}{3}$

(2) $\frac{2}{3}$

(3) $\frac{3}{4}$

(4) $\frac{3}{10}$

14. A number when divided by 7 gives a quotient of 68 and a remainder of 6. What is this number?

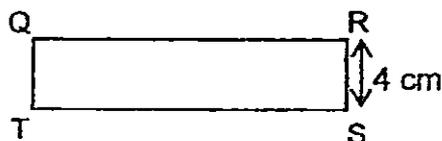
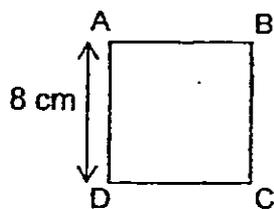
(1) 110

(2) 415

(3) 472

(4) 482

15. Square ABCD and Rectangle QRST have the same area. ^DAB is 8 cm and RS is 4 cm. Find the length of QR.



(1) 4 cm

(2) 8 cm

(3) 12 cm

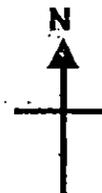
(4) 16 cm

16. Mrs Hoh spent $\frac{1}{6}$ of her money on a pen. She spent $\frac{1}{3}$ of her money on a file. She had \$48 left. How much money did she have at first?

- (1) \$8
- (2) \$16
- (3) \$24
- (4) \$96

17. Khai is facing West. He makes a turn in an anti-clockwise direction and is now facing North. How many right angles does he turn?

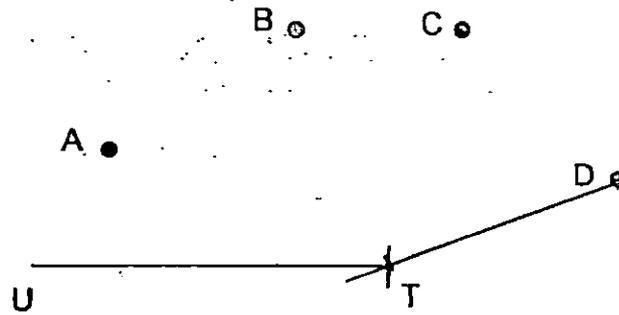
- (1) 1
- (2) 2
- (3) 3
- (4) 4



18. Mac goes to school at 7.20 a.m. and leaves school at 1 p.m. every day. How much time does Mac spend in school every day?

- (1) 5 h 20 min
- (2) 5 h 40 min
- (3) 6 h 20 min
- (4) 6 h 40 min

19. In the figure shown below, which dot can be joined to the marked end point T of the line UT to form an angle greater than 150° ?



- (1) A
(2) B
(3) C
(4) D
20. Each cupcake cost \$3. Kumar paid \$57 for some cupcakes. He gave 5 cupcakes to his brother. How many cupcakes had Kumar left?
- (1) 14
(2) 19
(3) 24
(4) 42

End of Booklet A

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 1 (2015) PRIMARY 4

MATHEMATICS Booklet B

Wednesday

6 May 2015

1 h 45 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 25 questions in this booklet.

Answer ALL questions.

Name : _____ ()

Class : 4.()

Parent's Signature: _____

Section	Possible Marks	Marks Obtained
A	40	
B	40	
C	20	
Total	100	

This question paper consists of 12 printed pages. (Inclusive of cover page)

Section B

Questions 21 to 40 carry 2 marks each. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated. (40 marks)

21. Arrange these numbers from the smallest to the greatest.

76 631, 67 317, 79 613, 67 136

_____	_____	_____	_____
Smallest			Greatest

22. Multiply 347 by 38. Round off your answer to the nearest ten.

--

23. Express $4\frac{5}{7}$ as an improper fraction.

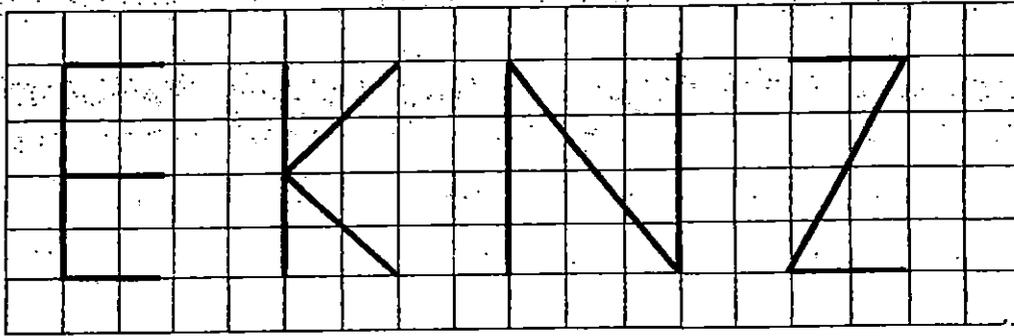
--

24. Shanti bought seven 50-cent stamps and nine 20-cent stamps from a stamp machine. How much money did Shanti spend altogether?

\$ _____

--

25. In the diagram below, the letters E, K, N and Z are drawn on a square grid. List all the letters which have perpendicular lines.

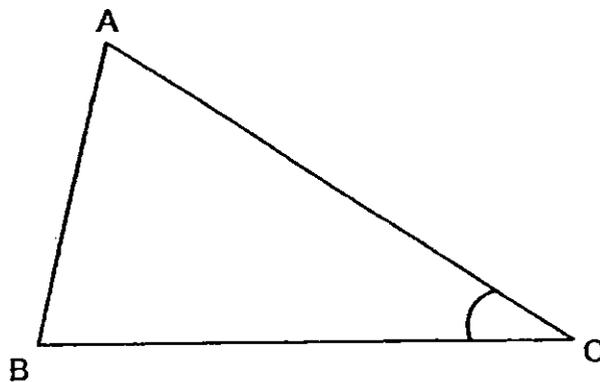


26. The number of chairs in the hall is 1500 when rounded off to the nearest hundred.

- a) What is the greatest possible number of chairs in the hall?
 b) What is the smallest possible number of chairs in the hall?

a) _____
 b) _____

27. Measure $\angle ACB$.



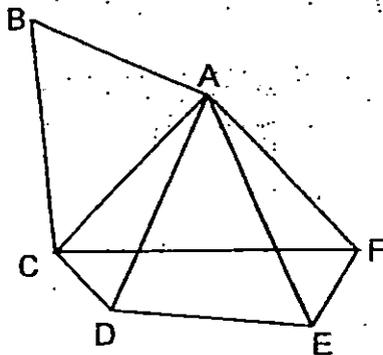
$\angle ACB =$ _____ ^o

28. Machine A produces thrice as many buns as Machine B in a day. Together, they produce 9408 buns in a day. How many buns can Machine B produce in a day?

29. Mrs Tan had 9 m of cloth. She used 240 cm of it to sew a dress and 395 cm to sew a shirt. What was the length of cloth she had left? Give your answer in cm.

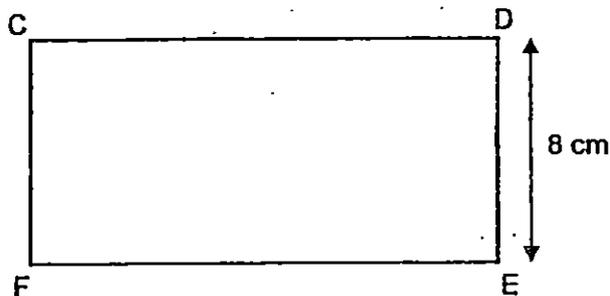
30. The sum of two fractions is $\frac{7}{12}$. One of the fractions is $\frac{1}{6}$. What is the other fraction?

31. Look at the figure below.
 a) Which line is parallel to AF?
 b) Which line is perpendicular to AD?



a)	_____
b)	_____

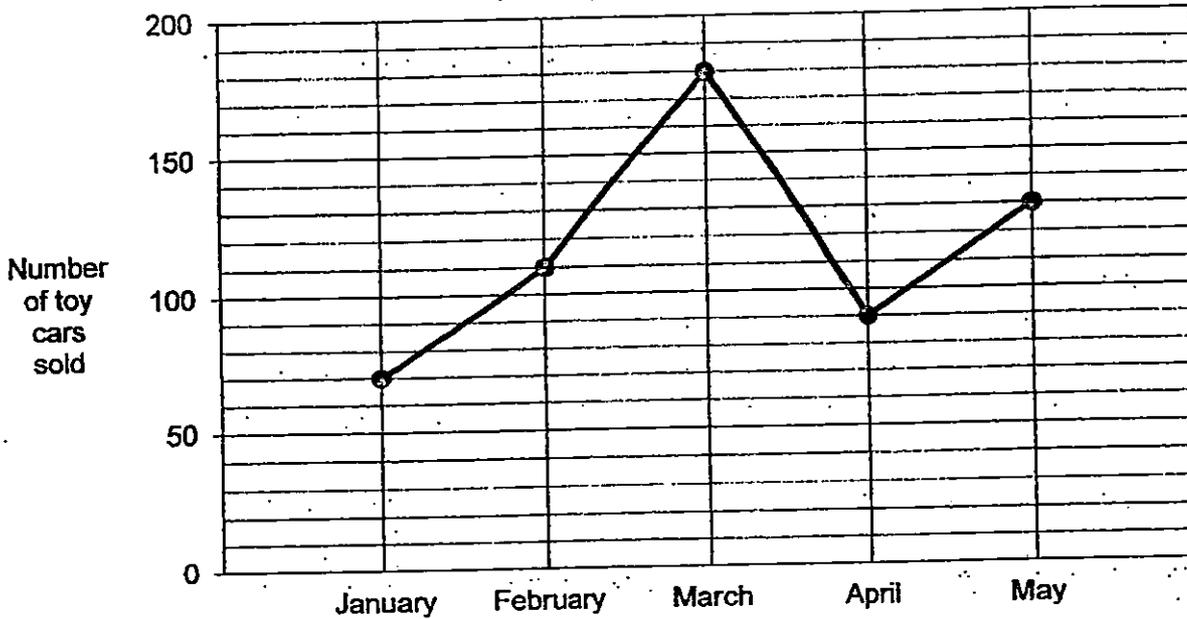
32. A piece of wire is 48 cm long. It is bent to form a rectangle CDEF as shown below. Given that DE is 8 cm, what is the area of rectangle CDEF?



cm ²

--

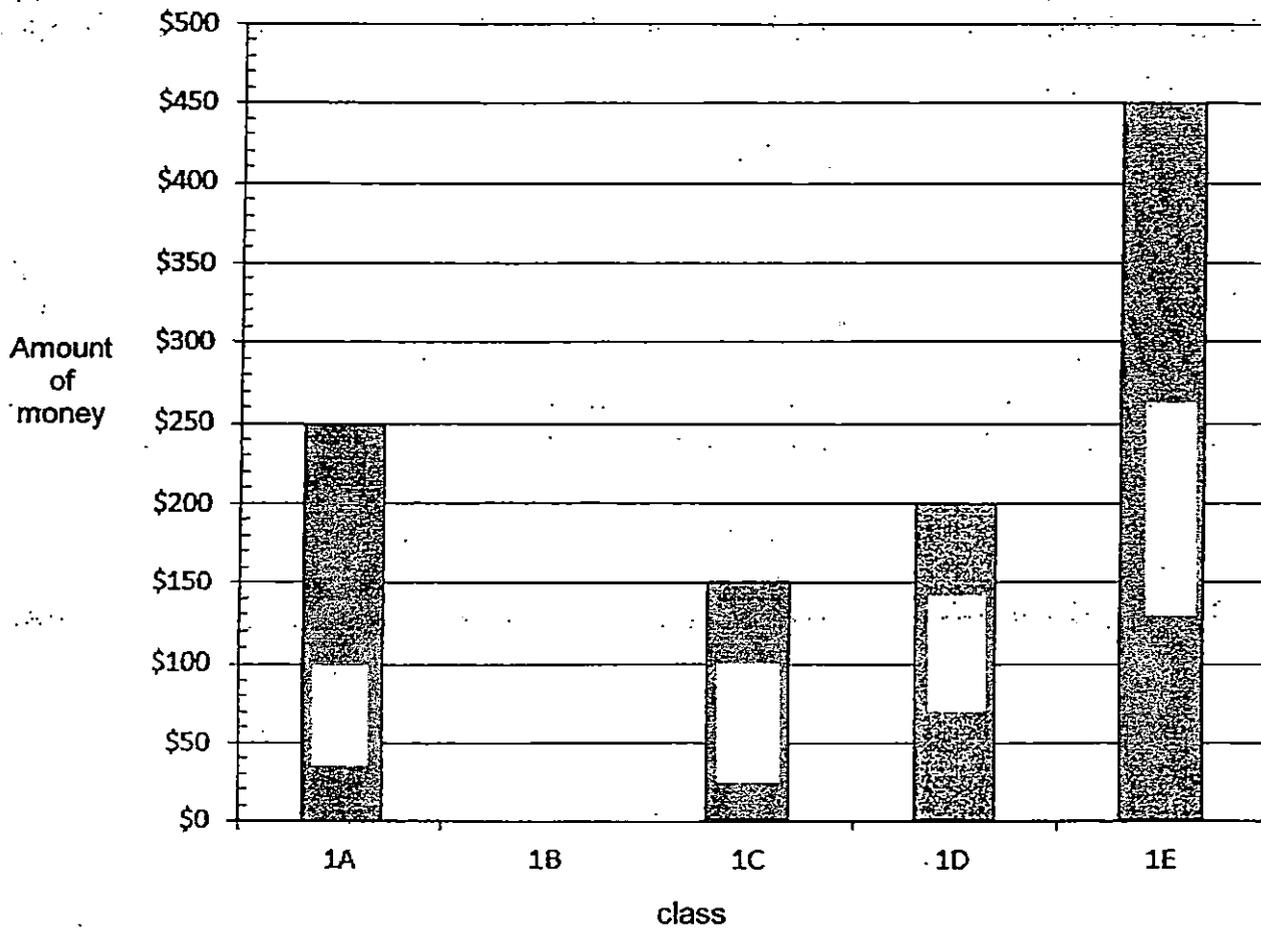
Peter prepared 200 toy cars for sale in his shop every month. The line graph below shows the number of toy cars he sold each month. Study the graph and answer questions 33 and 34.



33. What was the increase in the number of toy cars sold from April to May?

34. Write down all the months in which Peter sold **more than half** of the toys cars he had prepared to sell each month.

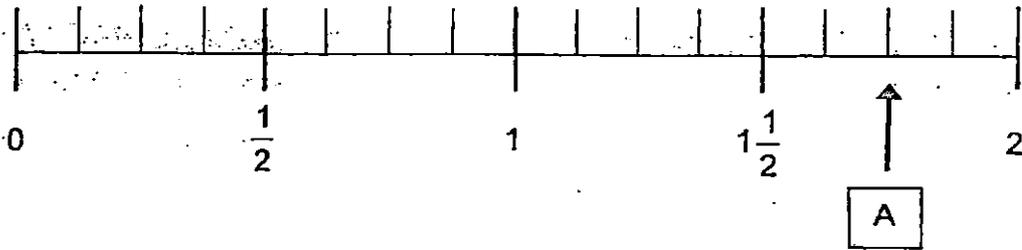
The bar graph below shows the amount of money collected for the children's charity by 5 classes through the sale of coin banks. The bar that shows the amount of money collected by class 1B has not been drawn. Study the graph and answer questions 35 and 36.



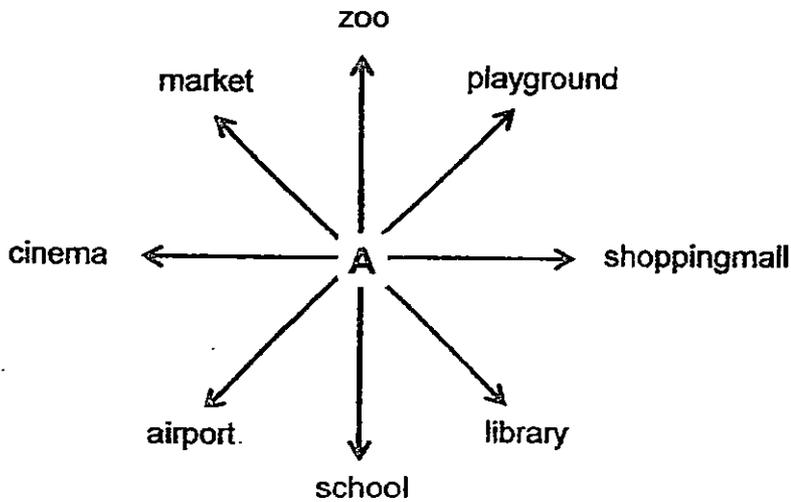
35. The total amount of money collected by the 5 classes was \$1400. How much did class 1B collect?

36. Coin banks were sold at \$5 each. What was the total number of coin banks sold by classes 1A and 1E?

37. Write the fraction represented by the letter A. Give your answer as a mixed number in the simplest form.



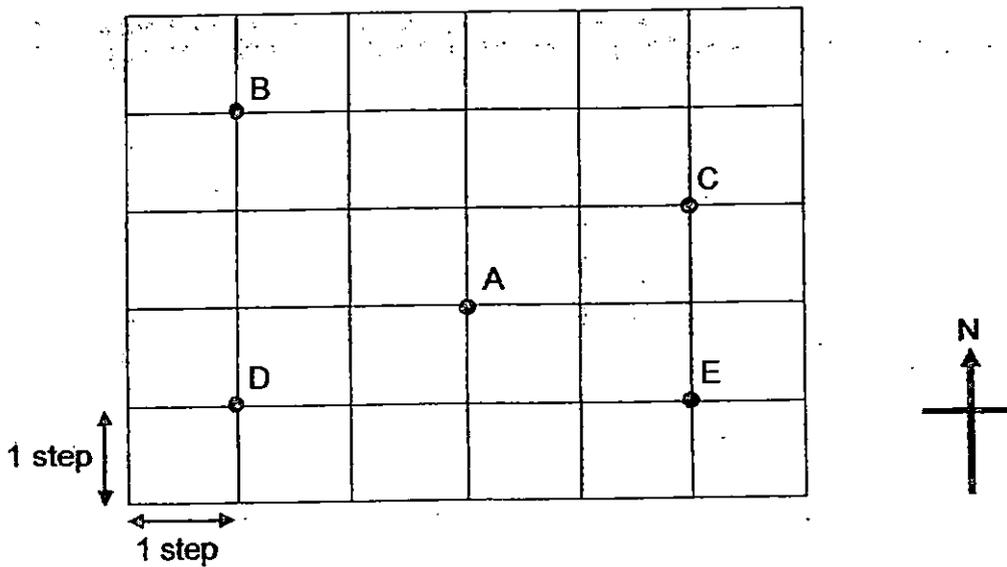
38. Madam Su is standing at the point marked A in the figure below. She is facing the airport. Where will she face when she turns 315° clockwise?



39. Arjun earned \$2350 every month. He saved $\frac{1}{5}$ of his salary in January and spent the rest. How much money did he spend in January?

\$

40. Look at the diagram below. Zul was at Position A. He moved 2 steps North. Next, he took 2 steps to the West followed by 3 steps to the South. Finally, he moved 4 steps to the East. At which position did he end up?



Position

Section C

Questions 41 to 45 carry 4 marks each. For each question, show your working clearly as marks will be given for working and relevant statements.

(20 marks)

41. Charlie picked 9223 oranges. 28 of them were rotten and were thrown away. He packed the remaining oranges equally into bags of 4.
- (a) How many bags of oranges did he pack?
 - (b) How many orange(s) was left over?

42. James bought 6 identical tables and 1 chair. Each table cost \$207. Each table cost 3 times as much as a chair. How much did he pay altogether?

43. Mrs Yeong had some money. She gave $\frac{8}{9}$ of her money to her 4 children equally. She was left with \$850.
(a) What fraction of Mrs Yeong's money had she left?
(b) How much money did each child get?

44. Alice had \$240 more than Ivan at first. After Alice spent \$300, Ivan had thrice as much money as Alice in the end. Find the amount of money Alice had at first.

45. Madam Su baked some pies. She sold $\frac{5}{7}$ of the pies on Monday and $\frac{1}{2}$ of the remainder on Tuesday. She sold 560 more pies on Monday than on Tuesday. How many pies did she bake?

End of Booklet B

EXAM PAPER 2015**LEVEL : PRIMARY 4****SCHOOL : ANGLO CHINESE SCHOOL (JUNIOR)****SUBJECT : MATHEMATICS****TERM : SA1**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	3	4	2	1	3	3	4	4	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	1	1	4	4	4	3	2	4	1

Q21. 67136, 67317, 76 631, 79613

Q22. 13190 Q23. $\frac{33}{7}$ Q24. \$5.30 3.50 + 1.80 = 5.30

Q25. E,K Q26a) 1549 Q26b) 1450

Q27. 33° Q28. 2352 Q29. 265cm Q30. $\frac{5}{12} \frac{7}{12} - \frac{2}{12} = \frac{5}{12}$ Q31a. CD Q31b. BA Q32. 128cm² Q33. 40 toy cars

Q34. February, March and May

Q35. 4350 → 1400 - 250 - 150 - 200 - 450 = 350

Q36. 140 coins banks → 250 + 450 = 700, 700 ÷ 5 = 140

Q37. 1 $\frac{3}{4}$ Q38. The school

Q39. \$1880 → 2350 ÷ 5 = 470, 470 x 4 = 188

Q40. Position E

Q41a. 2298 oranges → 9223 - 28 = 9195

Q41b. 3 oranges → left 9195 ÷ 4 = 2298R3

Q42. \$1311 → 207 x 6 = 1242, 1242 + 69 = 1311

Q43a. $\frac{1}{9}$ → $1 - \frac{8}{9} = \frac{1}{9}$

Q43b. \$1700 → 850 x 2 = 1700

Q44. 4330 → 2u = 60, 1u = 60 ÷ 2 = 30, 300 + 30 = 330

Q45. 980 → Monday → 5u, Tuesday → 1u, 4u = 560, 1u = 560 ÷ 4 = 140, 7u = 7 x 140 = 980

Name: _____ ()

Class : Primary 4 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics

2015 Semestral Assessment One

Booklet A

12 May 2015

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 10 printed pages including the cover pages.

Section A: (20 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

1. In the number 362 059, the digit 2 stands for _____.
 - 1) 20 ones
 - 2) 2 hundreds
 - 3) 20 hundreds
 - 4) 2 ten thousands

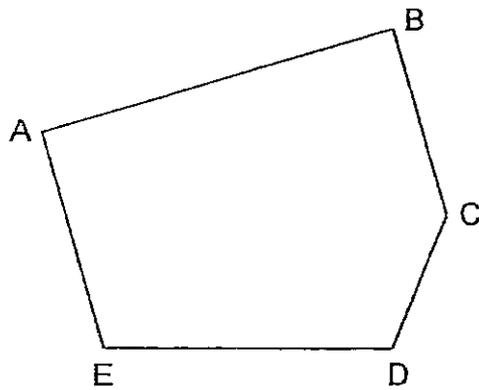
2. Which of the following numbers when rounded off to the nearest hundred becomes 20 000?
 - 1) 19 949
 - 2) 19 995
 - 3) 20 099
 - 4) 20 999

3. How many factors of 56 are there altogether?
 - 1) 5
 - 2) 6
 - 3) 7
 - 4) 8

4. $745 \times 8 \text{ tens} =$ _____

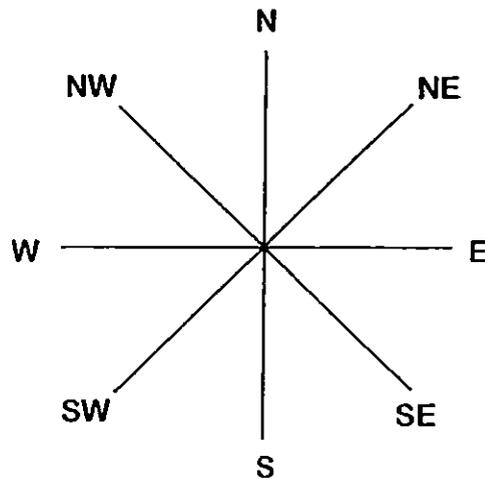
- 1) 5920
- 2) 5960
- 3) 59 200
- 4) 59 600

5. In the figure below, line AE is perpendicular to line _____.



- 1) AB
- 2) BC
- 3) CD
- 4) DE

6. Julian is facing South-West. If he turns in an anti-clockwise direction, what is the angle that he needs to turn to face north?



- 1) 90°
 - 2) 135°
 - 3) 225°
 - 4) 270°
7. The sum of two numbers is 1050. The difference between the two numbers is 210. What is the bigger number?

- 1) 420
- 2) 630
- 3) 840
- 4) 1260

8. Miss Yong had 270 bookmarks. She gave each of her students 6 bookmarks and had 36 bookmarks left. How many students did she have?

1) 39

2) 40

3) 41

4) 51

9. What is the missing number?

$$\frac{54}{9} = \underline{\hspace{2cm}} \text{ thirds}$$

1) 6

2) 18

3) 27

4) 162

10. Ken had 147 boxes of pens. There were 24 pens in each box. He sold all his pens at \$2 each. How much money did he collect from the sale of the pens?

1) \$294

2) \$342

3) \$3528

4) \$7056

11. Which of the following fractions is the smallest?

1) $\frac{5}{6}$

2) $\frac{7}{12}$

3) $\frac{2}{3}$

4) $\frac{3}{4}$

12. Ian spent $\frac{3}{8}$ of his salary on food and $\frac{1}{4}$ of it on transport. He saved the remaining salary. What fraction of his salary did he save?

1) $\frac{1}{3}$

2) $\frac{3}{8}$

3) $\frac{5}{8}$

4) $\frac{2}{3}$

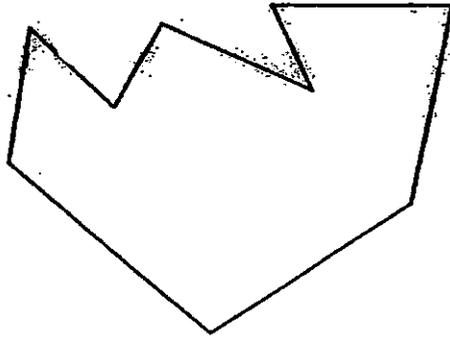
13. A bag contains 180 straws. $\frac{5}{9}$ of the straws are yellow. The rest are blue.
How many blue straws are there in the bag?

- 1) 20
- 2) 36
- 3) 80
- 4) 100

14. Mr Ron has 350 *ℓ* of paint. Mr Smith has 7 times as much paint as Mr Ron. How many litres of paint must Mr Smith give Mr Ron so that they have the same amount of paint?

- 1) 50 *ℓ*
- 2) 300 *ℓ*
- 3) 1050 *ℓ*
- 4) 1225 *ℓ*

15. How many angles within the figure are smaller than a right angle?



- 1) 9
- 2) 6
- 3) 3
- 4) 4

16. The mass of 2 identical sofa sets is the same as the mass of 4 identical tables. The total mass of the 2 sofa sets and 4 tables is 240 kg. What is the mass of 1 table?

- 1) 30 kg
- 2) 40 kg
- 3) 60 kg
- 4) 120 kg

Mrs Howard wanted to find out the amount of pocket money pupils in her class received weekly. She recorded the data obtained in the table below. Use the table to answer questions 17 and 18.

Amount of pocket money received weekly	Number of students pupils
-\$10	?
\$15	11
\$20	17
\$25	?

17. There were 40 pupils in Mrs Howard's class. The number of pupils who received \$10 weekly was twice the number of pupils who received \$25 weekly. How many pupils received \$25 weekly as pocket money?

- 1) 12
- 2) 8
- 3) 6
- 4) 4

18. How many pupils received at least \$15 weekly as pocket money?

- 1) 11
- 2) 17
- 3) 21
- 4) 32

19. Nathan has a total of 20 shirts. He has 8 red shirts and an equal number of yellow and green shirts. What fraction of his shirts are green?

1) $\frac{3}{10}$

2) $\frac{2}{5}$

3) $\frac{3}{5}$

4) $\frac{3}{4}$

20. Brad went to the gym every 3 days. Clark went to the gym every 2 days. If they first met each other in the gym on a Monday, when would be the next time they meet each other again?

1) Monday

2) Thursday

3) Saturday

4) Sunday

- END OF BOOKLET A -

Name: _____ ()

Class : Primary 4 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics

2015 Semestral Assessment One

Booklet B

12 May 2015

Booklet A :	/ 40
Booklet B :	/ 60
Total :	/ 100

Parent's/Guardian's Signature

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 14 printed pages including the cover page.

Section B: (20 x 2 marks)

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this space

Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

21. What is the difference between the smallest factor and the biggest factor of 20?

Ans : _____

22. Write thirty thousand and sixteen in numerals.

Ans : _____

23. Study the number pattern below. What is the missing number?

54 511, 44 410, 34 309, _____, 14 107, 4 006



24. Use the digits below to form the greatest 5-digit even number. Each digit can only be used once.



Ans : _____

25. Mrs Kang wanted to buy 300 badges. The badges were sold in boxes of 9. What was the least number of boxes of badges that Mrs Kang needed to buy?

Ans : _____

26. Round off 50 046 and 8951 to the nearest ten. Then estimate to find the difference between them.

Ans : _____

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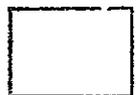
27. Belle had 4 m of ribbon. She used $\frac{1}{3}$ m of it to make a bow and gave $\frac{2}{9}$ m of it to her sister. How much ribbon had she left? Express your answer as a mixed number.

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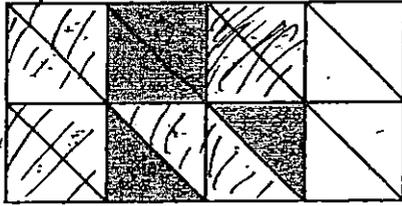
Ans : _____ m

28. Bakery A baked 120 cakes a day. It baked 26 more cakes a day than Bakery B. How many cakes did the two bakeries bake in 30 days?

Ans : _____

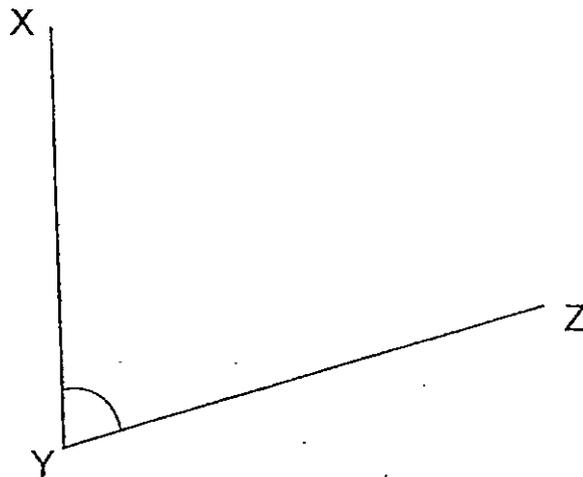


29. The figure below is made up of identical triangles. How many more triangles must be shaded such that $\frac{3}{4}$ of the figure is shaded?



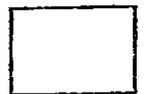
Ans : _____

30. Use a protractor to measure $\angle XYZ$. What is the size of $\angle XYZ$?



Ans : _____°

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31. Kenneth had 45 stickers left after giving 35 stickers to his brother. What fraction of his stickers did Kenneth give his brother? Leave your answer in the simplest form.

Ans : _____

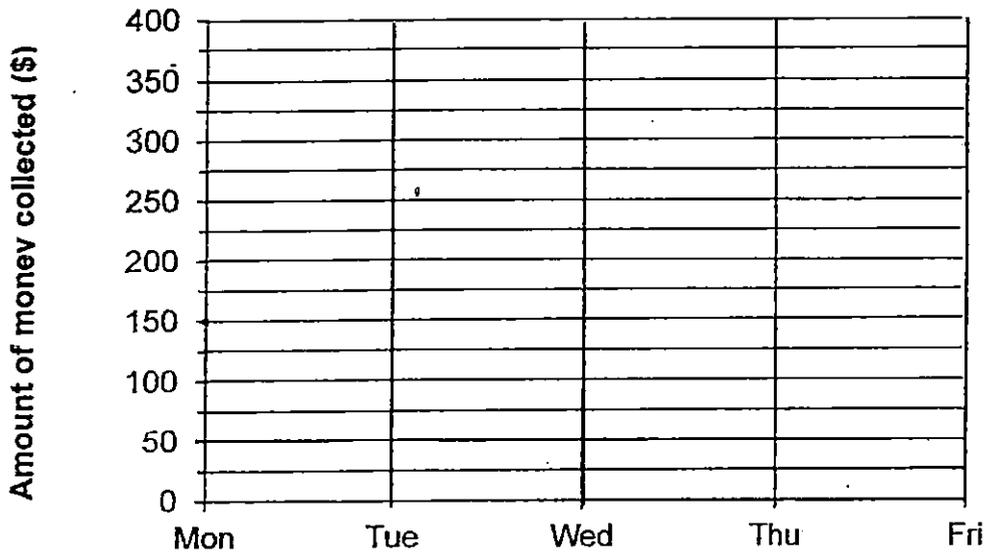
32. Mr Leong had 60 tennis balls. He gave $\frac{1}{12}$ of his tennis balls to Brandon. During the practice, Mr Leong lost 4 tennis balls. How many tennis balls did Mr Leong have in the end?

Ans : _____



The line graph below shows the amount of money Mr Raju collected from the sale of chicken pies from Monday to Friday. Study the line graph and answer questions 33 and 34.

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33. How much money did Mr ^{Raju}Raja collect from Wednesday to Friday?

Ans : \$ _____

34. Mr Raju sold 3 chicken pies for \$5. How many chicken pies did he sell in all on Tuesday?

Ans : _____

35. Mr Jones bought a carton of bean bags. There were fewer than 60 bean bags in the carton. The number of bean bags in the carton could be packed into boxes of 4 or 7. What was the greatest possible number of bean bags in the carton?

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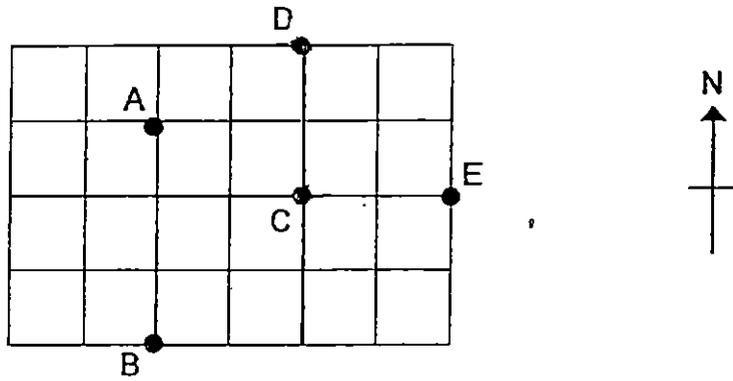
Ans : _____

36. The total cost of 1 wallet and 2 identical belts is \$149. The wallet cost \$23 more than each belt. How much did each belt cost?

Ans : \$ _____



37. Study the diagram below. Point C is _____ of Point D.



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Ans : _____

38. Jamie had 4 times as many storybooks as magazines. After her mother gave her 51 new magazines, she had the same number of storybooks and magazines. How many storybooks did Jamie have?

Ans : _____

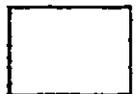
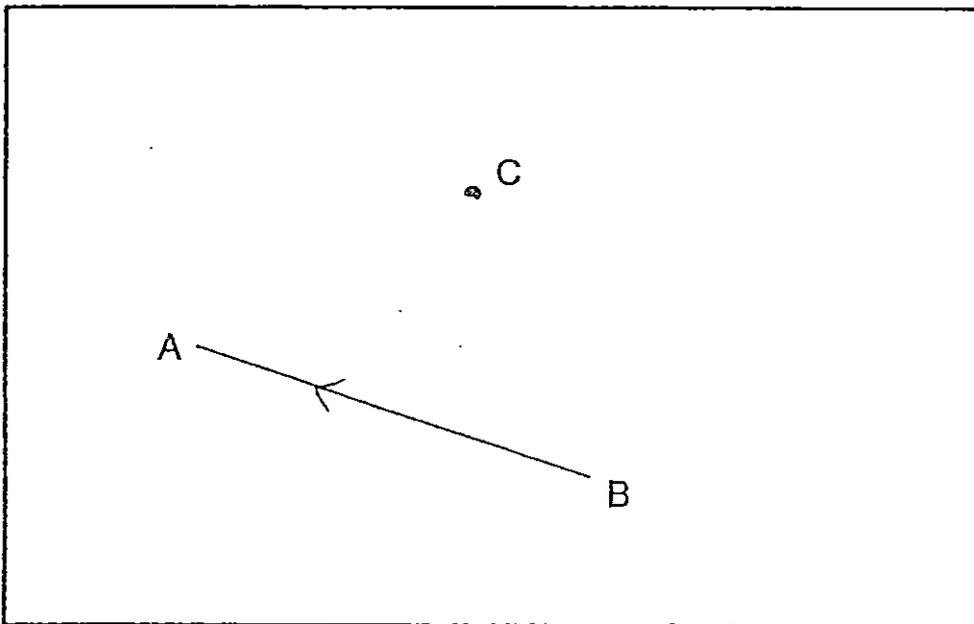


39. The mass of a bag of sugar is 200 g. The mass of a bag of flour is 600 g. Mrs Foo wants to buy an equal amount of sugar and flour. What is the least number of bags of sugar that she should buy?

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Ans : _____

40. In the box below, draw a line parallel to line AB that passes through point C.



Section C: (20 marks)

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Solve the following problems. All mathematical working and statements must be shown clearly.

41. $\frac{3}{10}$ of the members in a judo class are foreigners. The rest are Singaporeans. There are 56 more Singaporeans than foreigners. How many foreigners are there in the judo class?

Ans : _____ [3]

42. Mr Pang bought 26 baskets of durians. Each basket contained 48 durians. He sold 136 durians. Then he packed the remaining durians equally into 8 boxes. How many durians were there in each box?

Ans : _____ [3]



43. Lilian used $\frac{9}{10}$ ℓ of water to water her plants. Gemma used $\frac{1}{5}$ ℓ of water less than Lilian. How much water did both of them use altogether? Express your answer as a mixed number in its simplest form.

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this space

Ans : _____ [3]

44. Every week, Kumar delivered 14 cartons of milk while Leon delivered 16 cartons of milk. In how many weeks' time would they take to deliver a total of 120 cartons of milk?

Ans : _____ [3]



45. The total cost of 2 identical cups, 3 identical plates and 1 bowl is \$116. The total cost of 3 such plates and the bowl is \$64. The cost of 1 cup is twice as much as the cost of 1 plate. What is the total cost of the 3 plates?

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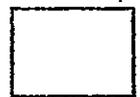
Ans : _____ . [4]



46. Mrs Tayler had the same number of rings, necklaces and bracelets in her shop. After selling 439 necklaces and buying 125 bracelets, she had 7 times as many bracelets as necklaces. How many rings did she have?

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Ans : _____ [4]



****END OF PAPER****

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : CHIJ ST NICHOLAS GIRLS SCHOOL

SUBJECT : MATHS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	4	4	1	3	2	1	2	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	2	3	3	3	1	4	4	1	4

Q21. $19 \rightarrow 20 - 1 = 19$

Q22. 30016.

Q23. $24208 \rightarrow 54511 - 44410 = 10101, 44410 - 34309 = 10101, 34309 - 10101 = 24208.$

Q24. 75412

Q25. $34 \rightarrow 300 - 9 = 3383$

Q26. $41100 \rightarrow 50046 \approx 50050, 8951 \approx 8950, 50050 - 8950 = 41100$

Q27. $3\frac{4}{9} \rightarrow 4 - \frac{3}{9} - \frac{2}{9} = \frac{36}{9} - \frac{3}{9} - \frac{2}{9} = \frac{31}{9} = 3\frac{4}{9}$

Q28. $6420 \rightarrow 120 - 26 = 94, 120 + 94 = 214, 214 \times 30 = 6420$

Q29. $8 \rightarrow \frac{3}{4} = \frac{12}{16}, \frac{12}{16} - \frac{4}{16} = \frac{8}{16}$

Q30. 76°

Q31. $\frac{7}{16} \rightarrow 45 + 35 = 80, \frac{35}{80} = \frac{7}{16}$

Q32. $51 \rightarrow \frac{1}{12} \times 60 = 5, 5 + 4 = 9, 60 - 9 = 51$

Q33. $\$950 \rightarrow 600 + 350 = 950$

Q35. 56 bookings

Q34. $120 \rightarrow 200 \div 5 = 40, 40 \times 3 = 120$

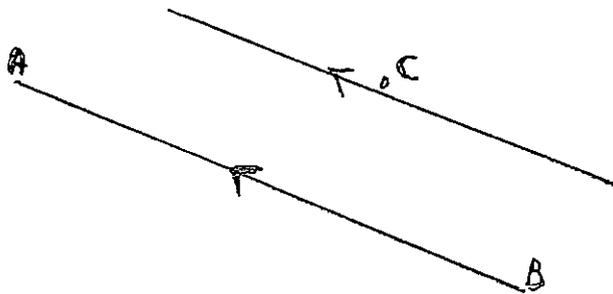
Q36. $\$42 \rightarrow 149 - 23 = 126, 126 \div 3 = 42$

Q37. South

Q38. 68 storybooks $\rightarrow 51 \div 3 = 17, 17 \times 4 = 68$

Q39. 3 bags $\rightarrow 200 \times 3 = 600.$

Q40. SEE PICTURE



Q41. 42 foreigners $\rightarrow \frac{10}{10} - \frac{3}{10} = \frac{7}{10}, \frac{7}{10} - \frac{3}{10} = \frac{4}{10}, \frac{4}{10} \rightarrow 56, 56 \div 4 = 14, 14 \times 3 = 42$

Q42. 134 durians $\rightarrow 26 \times 48 = 1248, 1248 - 136 = 1112, 1112 \div 8 = 139$

Q43. $1\frac{3}{5}$ litre $\rightarrow \frac{1}{5} \rightarrow \frac{2}{10} \rightarrow \frac{9}{10} - \frac{2}{10} = \frac{7}{10}, \frac{9}{10} + \frac{7}{10} = \frac{16}{10} = 1\frac{6}{10} = 1\frac{3}{5}$

Q44. 4 weeks.

Kumar (14)	Leon (16)	Total (120)	Check
$5 \times 14 = 70$	$5 \times 16 = 80$	150	X
$4 \times 14 = 56$	$5 \times 16 = 80$	136	X
$3 \times 14 = 42$	$3 \times 16 = 48$	90	X
$4 \times 14 = 56$	$4 \times 16 = 64$	120	✓

Q45. $\$39 \rightarrow 2C + 3P + 1B = 116, 3P + 1B = 64, 116 - 64 = 52, 52 \div 2 = 26, 1 \text{ Cup} \rightarrow \$26, 26 \div 2 = 13, 1 \text{ plate} \rightarrow 13, 3p \rightarrow 13 \times 3 = 39$

Q46. 533 rings $\rightarrow 439 + 125 = 564, 6U \rightarrow 564, 1U \rightarrow 564 \div 6 = 94, 439 + 94 = 533$



HENRY PARK PRIMARY SCHOOL
2015 SEMESTRAL EXAMINATION 1
MATHEMATICS
PRIMARY 4

Name: _____ ()

Parent's Signature _____

Class: Primary 4 _____

Duration of Paper: 1 h 45 min

Marks:

Section A (MCQ)	
Section B (Open-Ended)	
Section C (Problem Sums)	
Total	

Section A: Multiple Choice Questions (10 x 2 marks = 20 marks)

Read each question carefully. For each question, 4 options are given.

One of them is the correct answer. Make your choice (1, 2, 3 or 4).

Shade the correct ovals on the Optical Answer Sheet.

1. 7 thousands, 34 hundreds and 35 ones is the same as _____.

(1) 7069

(2) 7375

(3) 10 435

()

(4) 10 750

2. How many quarters are there in 8 wholes?

(1) 32

(2) 16

(3) 8

()

(4) 4

3. How many seconds are there in 4 min 25 s?

(1) 265

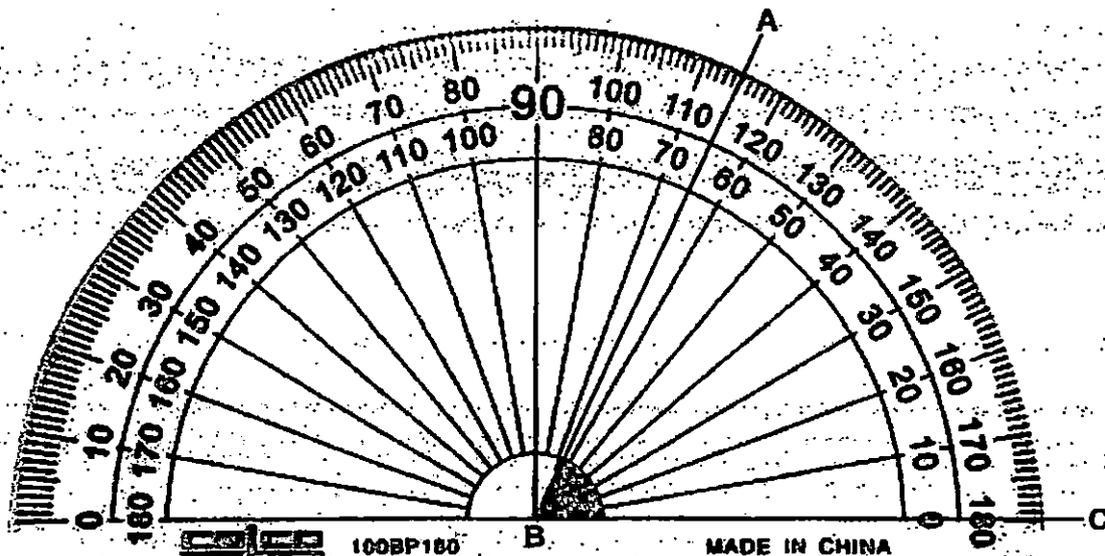
(2) 275

(3) 425

()

(4) 490

4. What is the size of $\angle ABC$?



- (1) 65°
- (2) 75°
- (3) 115° ()
- (4) 125°

5. I am facing North now. After I turn 270° anti-clockwise, which direction will I be facing?

- (1) East
- (2) North
- (3) South ()
- (4) West

6. Study the figures below. Identify the figure that has a pair of perpendicular lines and a pair of parallel lines.

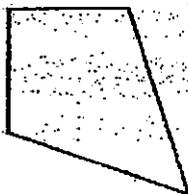


Figure 1



Figure 2



Figure 3

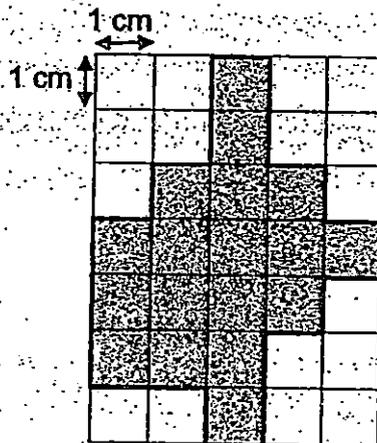


Figure 4

- (1) Figure 1
- (2) Figure 2
- (3) Figure 3
- (4) Figure 4

()

7. Given that each shaded square is 1 cm^2 , find the area of the shaded figure shown below.



- (1) 17 cm^2
(2) 18 cm^2
(3) 22 cm^2
(4) 24 cm^2

()

8. A number when rounded off to the nearest ten is 35 400. Which of the following could be the number?

- (1) 35 359
(2) 35 395
(3) 35 444
(4) 35 456

()

9. A shopkeeper has 134 boxes of pencils. Each box contains 12 pencils. How many pencils does the shopkeeper have altogether?

(1) 392

(2) 402

(3) 1508

(4) 1608

10. Adam, Bala and Chong Meng shared a pie for lunch.

Bala ate $\frac{2}{3}$ of the pie and Chong Meng ate $\frac{1}{12}$ of the pie.

What fraction of the pie did Adam eat?

(1) $\frac{1}{4}$

(2) $\frac{1}{3}$

(3) $\frac{3}{4}$

(4) $\frac{11}{12}$

(Go on to Section B)

NAME: _____ () CLASS: Primary 4 _____

Section B: Open-Ended Questions (25 x 2 marks = 50 marks)

**Read the questions carefully and write the correct answer in the blanks provided.
Show all working clearly.**

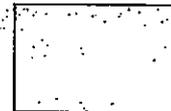
11. Find the value of $\frac{3}{8} + \frac{3}{4}$.

Give your answer as a mixed number in the simplest form.

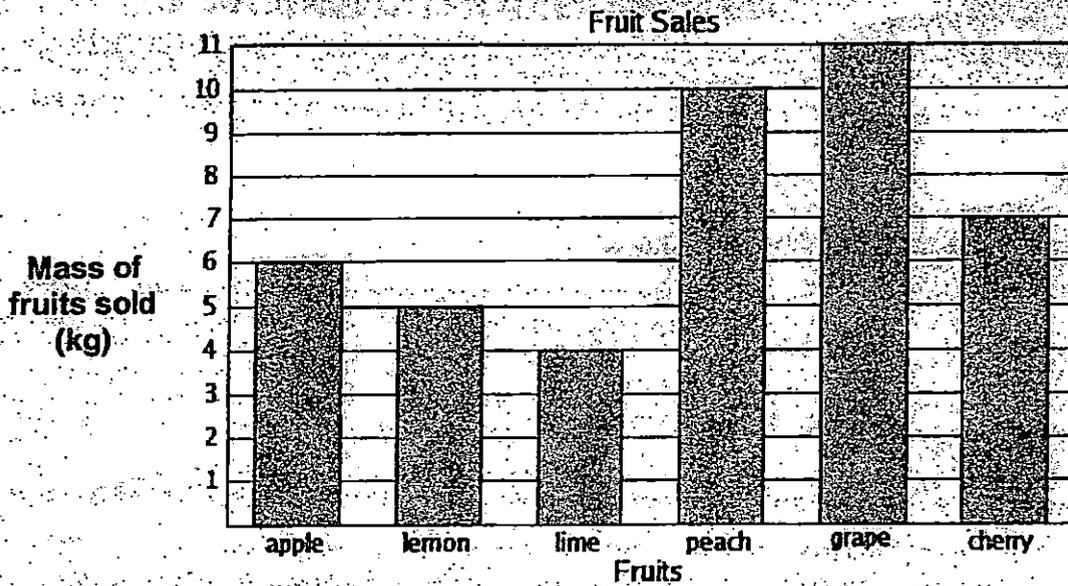
Ans: _____

12. Express $3\frac{5}{12}$ as an improper fraction.

Ans: _____



The bar graph below shows the mass of fruits sold. Use the information to answer Q13 and Q14.

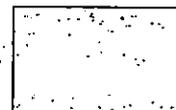


13. Find the total mass of apples, cherries, lemons and grapes sold.

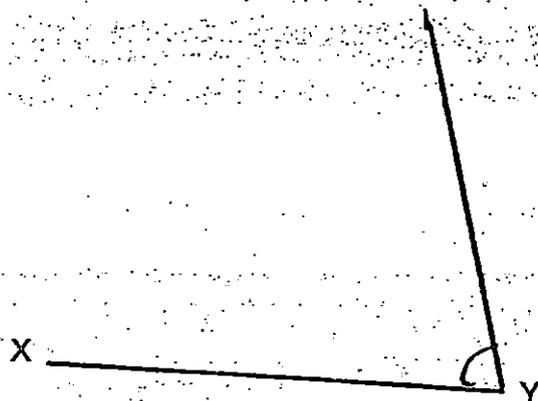
Ans: _____ kg

14. How many more kilogrammes of peach than lime were sold?

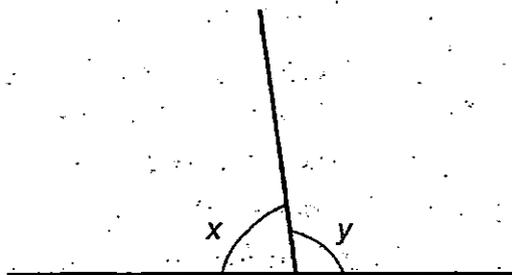
Ans: _____ kg



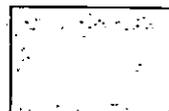
15. Complete the figure below to show that $\angle XYZ$ measures 75° . The line XY has been drawn for you. Label the line and mark the angle.



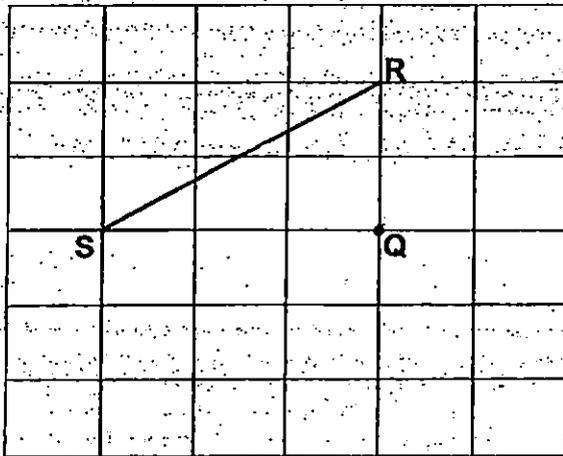
16. In the figure below, which angle is greater than a right angle?



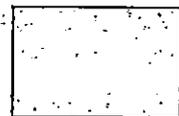
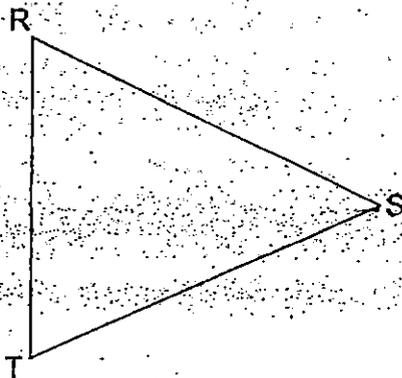
Ans: \angle _____



17. Draw a line parallel to SR, passing through point Q.



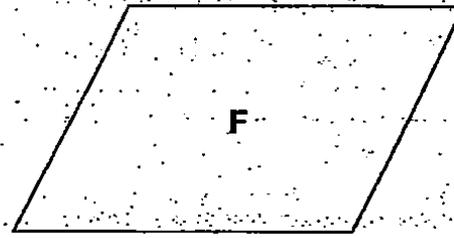
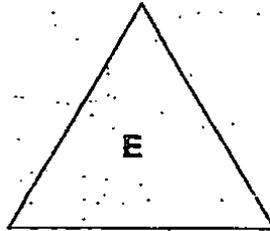
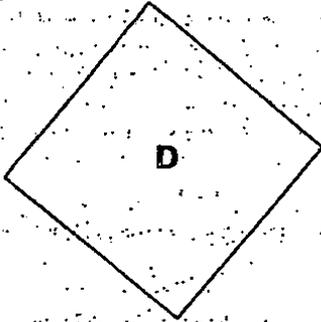
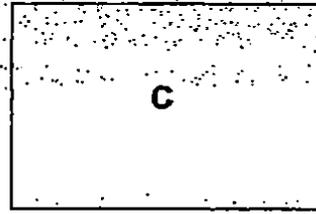
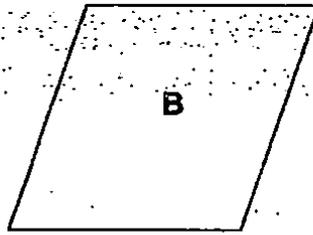
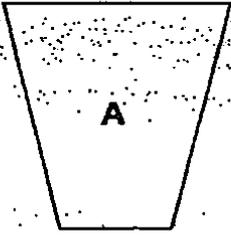
18. In the figure below, draw a line QS such that it is perpendicular to RT.



19. Look at the shapes given below.

a) Which is a square?

b) Which is a rectangle?

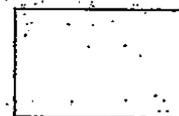


Ans: (a) _____

(b) _____

20. Find the sum of all the common factors of 18 and 12.

Ans: _____



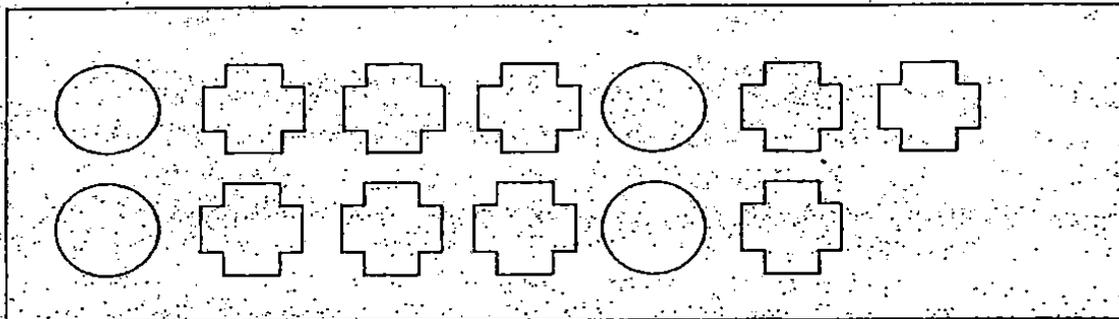
21. Hui Ying had baked some cupcakes. She ate 3 of the cupcakes and packed the rest equally into 6 boxes. There were 17 cupcakes in each box. How many cupcakes did Hui Ying bake?

Ans: _____

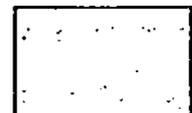
22. A bag of sweets weighs $\frac{3}{5}$ kg. What is the total mass of 4 such bags of sweets?

Ans: _____ kg

23. How many more  need to be included such that $\frac{3}{5}$ of the shapes in the box are  ?



Ans: _____



24. Peter boarded a bus to go to the library at 12.35 p.m. The bus journey took 45 min. What time did Peter reach the library?
(Express your answer in the 24-hour clock.)

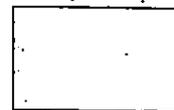
Ans: _____

25. The table below shows the distance Mr Lim jogged each day over a period of 4 days. The distance Mr Lim jogged follows a pattern.

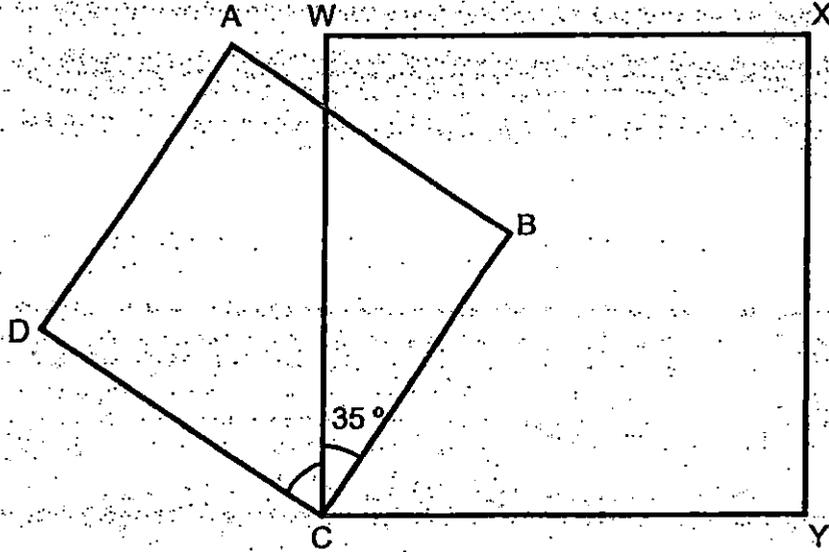
Day	1	2	3	4	5
Distance (m)	400	525	775	1150	?

Based on the pattern, what is the distance Mr Lim jogged on Day 5?

Ans: _____ m



26. In the figure below, ABCD and WXYZ are squares.
Given $\angle WCB$ is 35° , find $\angle DCW$.



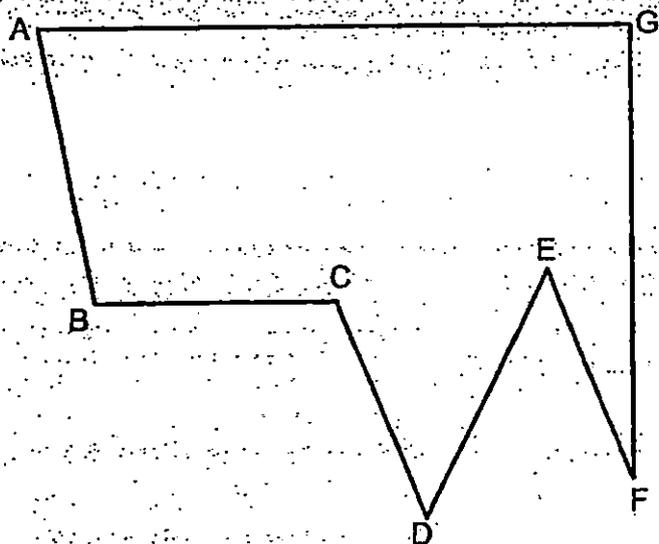
Ans: _____^o



27. Study the figure below and answer the questions.

(a) Which line is perpendicular to AG?

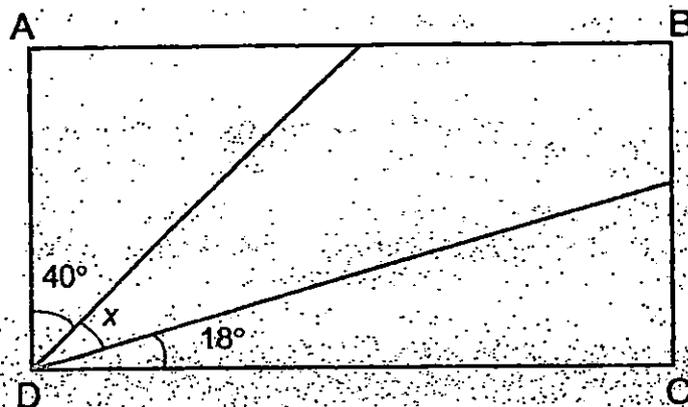
(b) Which line is parallel to CD?



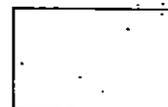
Ans: (a) _____

(b) _____

28. In the figure below, ABCD is a rectangle. Find $\angle x$.



Ans: _____



29. A rectangular field measures 186 m by 43 m. What is the perimeter of the field?

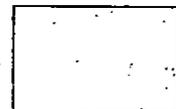
Ans: _____ m

30. Mrs Lee has some balloons. She can share all the balloons equally among 4, 6 or 8 children without any remainder. What is the least possible number of balloons Mrs Lee has?

Ans: _____

31. An odd number is a multiple of 3 and a factor of 45. The number is greater than 10 but less than 20. What is the number?

Ans: _____

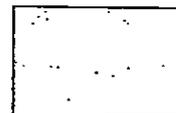


32. The total age of Jane and her brother is 38 years now. 4 years ago, Jane was twice as old as her brother. How old is Jane's brother now?

Ans: _____ years old

33. Fatimah and Ravi had \$3500 at first. After Fatimah spent \$1556, Ravi had thrice as much money as Fatimah. How much money had Fatimah left?

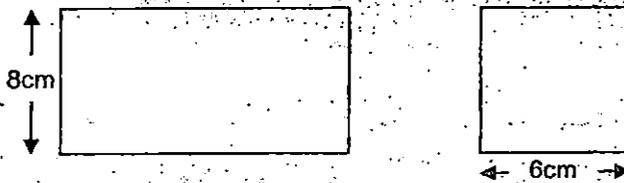
Ans: \$ _____



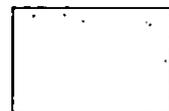
34. Cheryl bought $1\frac{1}{4}$ kg of potatoes on Monday. She cooked $\frac{2}{5}$ kg of potatoes each day on Tuesday, Wednesday and Thursday. What is the mass of the potatoes left on Friday?

Ans: _____ kg

35. The area of a rectangle is twice the area of a square of side 6 cm. Given that the breadth of the rectangle is 8 cm, what is the length of the rectangle?



Ans: _____ cm



NAME: _____ CLASS: Primary 4 _____

Section C: Problem Sums (30 marks)

Read the problem sums carefully. Show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

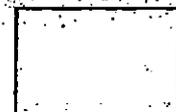
36. A shopkeeper had 450 cartons of bottled mineral water. In each carton, there were 36 bottles of mineral water. He sold 35 cartons of mineral water, how many bottles of mineral water had the shopkeeper left?

Ans: _____ [3]



37 Mr Lim drove from Singapore to Malacca. He finally arrived at Malacca at 04 10 after driving for a total of 5 hours and 30 minutes. Given that Mr Lim took a 45-minute rest during his journey, find the time he started his journey from Singapore.

Ans: _____ [3]

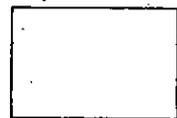


38. Belle and Yan had 270 game tokens altogether. Yan had 30 game tokens fewer than Belle. Yan used $\frac{1}{4}$ of her game tokens at the arcade, how many game tokens did Yan have left?

Ans: _____ [4]

39. Harold has 346 lollipops and Fubbi has 712 lollipops. How many lollipops must Fubbi give to Harold so that Harold will have 56 more lollipops than Fubbi?

Ans: _____ [4]



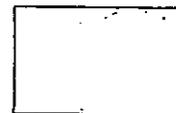
40. Mrs Lim mixed $1\frac{1}{5}$ litres of syrup with $2\frac{1}{2}$ litres of water to make fruit punch for her party. Her guests drank $2\frac{3}{10}$ litres of the fruit punch during the party.

- a) How much fruit punch did Mrs Lim make?
- b) How much fruit punch was left after the party?

Express your answers in the simplest form.

Ans: (a) _____ [2]

(b) _____ [2]

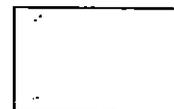


41. A total of 460 children and adults went for a learning journey at the park. There were 80 more children than adults at the park. Given that the number of boys was 5 times the number of girls at the park, how many boys were at the park?

Ans: _____ [4]

42. Susan had a collection of 1910 red, blue and yellow beads. After Susan gave away 350 red beads, the number of red beads was 240 fewer than the number of blue beads. Given that the number of yellow beads was twice as many as the number of blue beads, how many red beads did Susan have at first?

Ans: _____ [4]



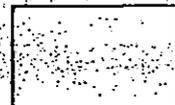
43. Jamie baked some pies. $\frac{1}{2}$ of them were chicken pies.

$\frac{3}{8}$ of them were beef pies and the rest were mushroom pies.

She baked 14 more beef pies than mushroom pies.

How many pies did she bake altogether?

Ans: _____ [4]



-END OF PAPER-

Setters: Mrs Emily Tang, Mr Philip Ho, Mrs Phyllis Voo & Mrs Chia Seow Wei

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : HENRY PARK PRIMARY SCHOOL

SUBJECT : MATHS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	3	4	4	3	2	2	4	1

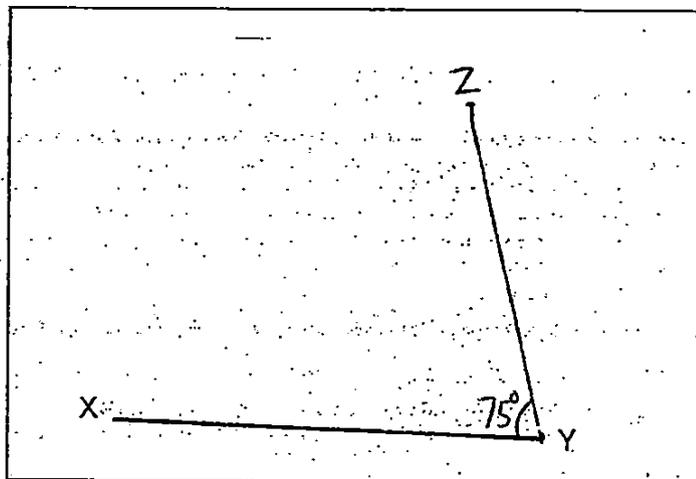
Q11. ANS: $1\frac{1}{8} \rightarrow \frac{3}{8} + \frac{3}{4} = \frac{3}{8} + \frac{6}{8} = \frac{9}{8} = 1\frac{1}{8}$

Q12. ANS: $\frac{41}{12} \rightarrow 3\frac{5}{12} = \frac{12}{12} + \frac{12}{12} + \frac{12}{12} + \frac{5}{12} = \frac{41}{12}$

Q13. ANS: 29kg $\rightarrow 6 + 7 + 5 + 11 = 29$

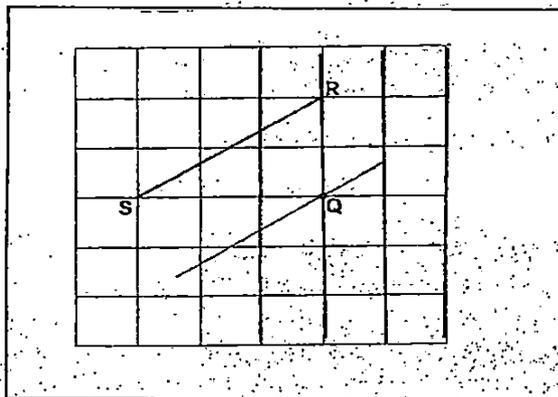
Q14. ANS: 6kg $\rightarrow 10 - 4 = 6$

Q15. ANS: SEE PICTURE

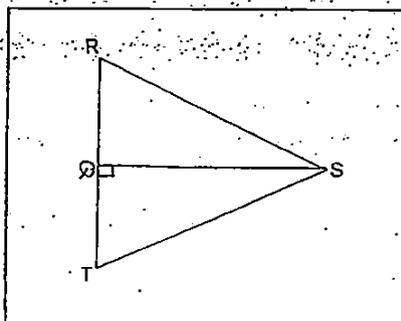


Q16. ANS: $\angle Y$

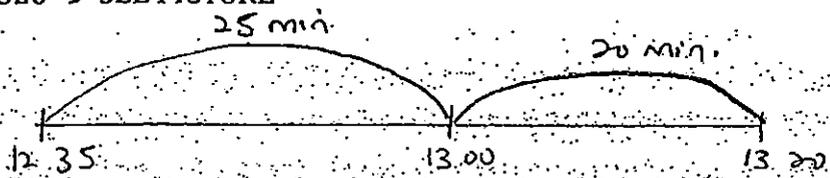
Q17. ANS: SEE PICTURE



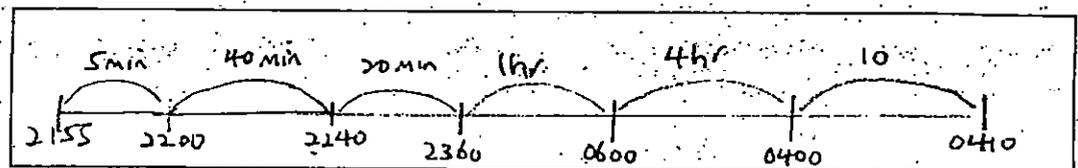
Q18. ANS: SEE PICTURE



- Q19a. ANS : D Q19b. ANS : C
 Q20. ANS : 12 → 1 + 2 + 6 + 3 = 12
 Q21. ANS : 105. → 17 x 6 = 102, 102 + 3 = 105
 Q22. ANS : $2\frac{2}{3}$ kg → $\frac{2}{5} + \frac{3}{5} + \frac{3}{5} + \frac{3}{5} = \frac{12}{5} = 2\frac{2}{5}$
 Q23. ANS : 2
 Q24. ANS : 1320 → SEE PICTURE



- Q25. ANS : 1650m → 375 - 250 = 125, 375 + 125 = 500, 1150 + 500 = 1650
 Q26. ANS : 55°
 Q27a. ANS : GF Q27b. ANS : EF
 Q28. ANS : 32°
 Q29. ANS : 458m → 186 + 43 = 229, 229 x 2 = 458
 Q30. ANS : 24. → 4,8,12,16,20,24 ; 6,12,18,24; 8,16,24
 Q31. ANS : 15 → 45,1,3,15,9
 Q32. ANS : 14 → 30 ÷ 3 = 10, 10 + 4 = 14
 Q33. ANS : \$486 → 3500 - 1556 = 1944
 Q34. ANS : $\frac{1}{20}$ kg → $1\frac{1}{4} - \frac{2}{5} - \frac{2}{5} - \frac{2}{5} = 1\frac{5}{20} - \frac{8}{20} - \frac{8}{20} - \frac{8}{20} = \frac{1}{20}$
 Q35. 9cm → 6 x 6 = 36, 36 x 2 = 72, 72 ÷ 8 = 9
 Q36. ANS : 14940 ; 450 - 35 = 415 ; 415 x 36 = 14940
 Q37. ANS : 2155



- Q38. ANS : 96. → 270 - 30 = 240, 240 ÷ 8 = 30, 30 x 3 = 90
 Q39. ANS : 211 → 712 + 346 = 1058, 712 - 346 = 366, 1058 - 366 = 692, 692 ÷ 2 = 346,
 1058 - 56 = 1002, 1002 ÷ 2 = 501, 712 - 501 = 211
 Q40a. ANS : $3\frac{7}{10}$ litre Q40b. ANS : $1\frac{2}{5}$ litre
 $2\frac{1}{2} + 1\frac{1}{5} = 2\frac{5}{10} + 1\frac{2}{10} = 3\frac{7}{10}$ $3\frac{7}{10} - 2\frac{3}{10} = 1\frac{4}{10} = 1\frac{2}{5}$
 Q41. ANS : 225 → 460 - 80 = 380, 380 ÷ 2 = 190, 190 + 80 = 270, 270 ÷ 6 = 45, 45 x 5 = 225
 Q42. ANS : 560 → 240 x 3 = 720, 720 + 350 = 1070, 1910 - 1070 = 890, 890 ÷ 4 = 210,
 210 + 350 = 560
 Q43. ANS : 56 → 14 ÷ 2 = 7, 7 x 8 = 56

THE END



Maha Bodhi School
2015 Semestral Assessment 1
Mathematics

Name : _____ ()

Date : 12 May 2015

Class : Pr 4 _____

Duration : 1 h 45 min

BOOKLET A

Section A (40 marks)

Questions 1 to 20 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Mark Sheet.

What is the value of the digit 9 in 89 512?

- (1) 90
- (2) 900
- (3) 9000
- (4) 90 000

Which one of the following numbers is a common multiple of 6 and 8?

- (1) 12
- (2) 2
- (3) 3
- (4) 24

3. Express $4\frac{3}{5}$ as an improper fraction.

(1) $\frac{17}{5}$

(2) $\frac{23}{5}$

(3) $\frac{27}{5}$

(4) $\frac{43}{5}$

4. Find the value of $\frac{4}{9} + \frac{1}{3}$.

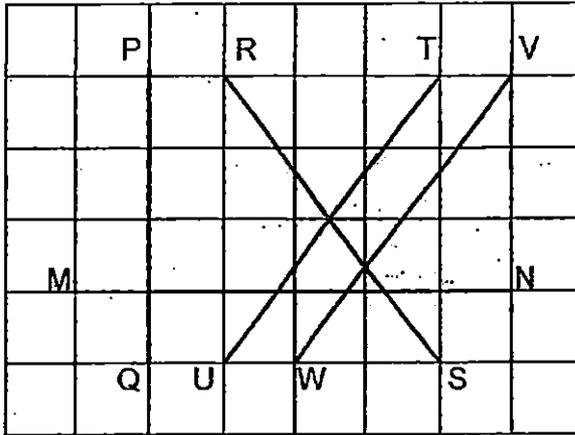
(1) $\frac{1}{2}$

(2) $\frac{1}{3}$

(3) $\frac{7}{9}$

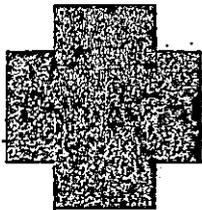
(4) $\frac{5}{12}$

5. Which one of the following pairs of lines is parallel?



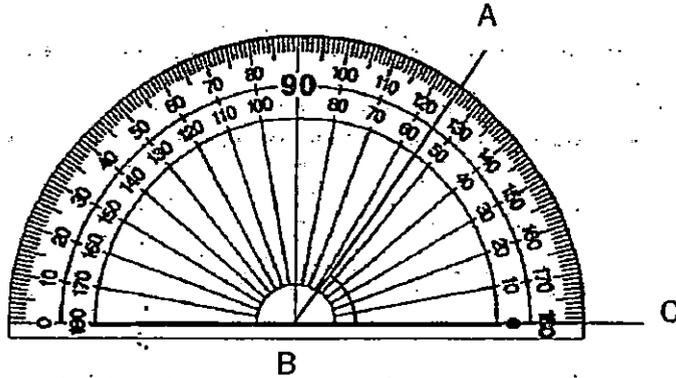
- (1) MN and PQ
- (2) TU and VW
- (3) TU and RS
- (4) PQ and RS

6. How many right angles are there inside the figure below?



- (1) 12
- (2) 10
- (3) 8
- (4) 4

7. What is $\angle ABC$?



- (1) 55°
- (2) 65°
- (3) 125°
- (4) 135°

8. Boon Hua bought a Bingo set for \$28.95 and had \$11.05 left. How much did Boon Hua have at first?

- (1) \$17.90
- (2) \$17.45
- (3) \$39.90
- (4) \$40.00

9. There were 35 940 adults at a stadium. There were 5000 fewer children than adults. How many children were at the stadium?

- (1) 30 940
- (2) 35 440
- (3) 36 440
- (4) 40 940

10. Which of the following numbers are arranged in decreasing order?

(1) 56 789, 67 985, 68 795

(2) 68 795, 67 958, 65 789

(3) 56 798, 67 589, 65 879

(4) 68 579, 65 789, 67 985

11. Which fraction below is greater than $\frac{3}{5}$?

(1) $\frac{1}{9}$

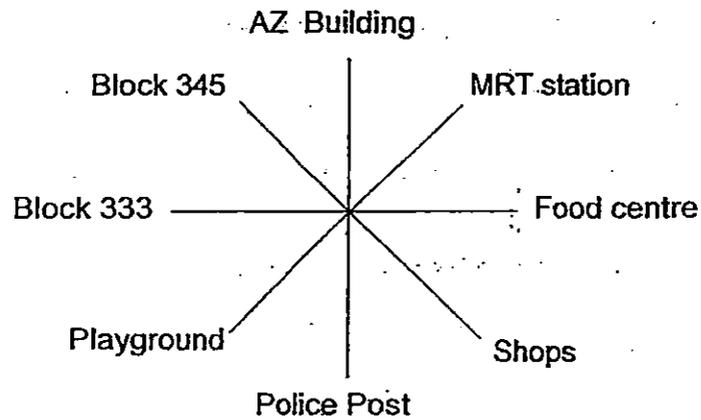
(2) $\frac{2}{3}$

(3) $\frac{3}{8}$

(4) $\frac{4}{7}$

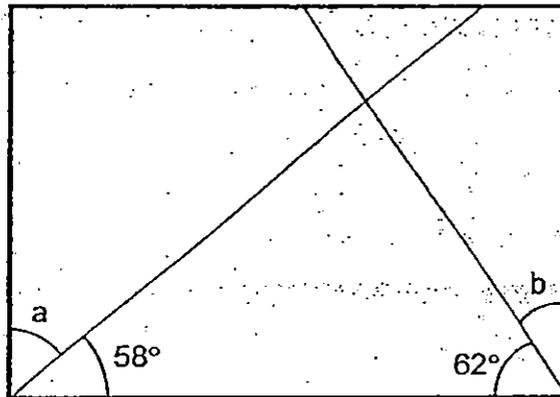
12. Thomas made a half-turn in an anticlockwise direction. Then he made a quarter turn in the clockwise direction. He is now facing the playground.

Where was Thomas facing at first?



- (1) Shops
- (2) Block 345
- (3) MRT station
- (4) Food Centre.

13. The figure below shows a rectangle. What is the sum of $\angle a$ and $\angle b$?



- (1) 28°
- (2) 32°
- (3) 60°
- (4) 120°

14. The mass of a durian is 1120 g. It is 88 g lighter than a watermelon. What is the mass of the watermelon? Give your answer in kg and g.

- (1) 1 kg 900 g
- (2) 1 kg 208 g
- (3) 1 kg 168 g
- (4) 1 kg 32 g

15. A seamstress takes 20 minutes to sew a curtain. She sews 10 curtains a day. On Monday, she started sewing at 1.20 p.m. without taking a break. What time did she finish?

- (1) 2.40 p.m.
- (2) 3.20 p.m.
- (3) 4.20 p.m.
- (4) 4.40 p.m.

16. There were 1168 more red marbles than green marbles in a box. Another 376 red marbles and 572 green marbles were put into the box. How many more red marbles than green marbles were there in the box?

- (1) 196
- (2) 220
- (3) 596
- (4) 972

17. Kenny had 60 marbles. He gave $\frac{3}{5}$ of them to his friend and lost 5 marbles in a game. How many marbles had he left?

- (1) 19
- (2) 22
- (3) 24
- (4) 31

18. Figure A is made up of 2 identical squares. Figure B has the same perimeter as Figure A. Find the length of one square in Figure A.

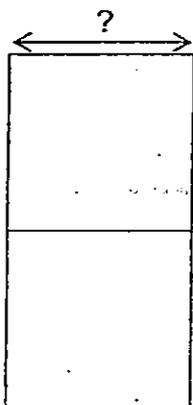


Figure A

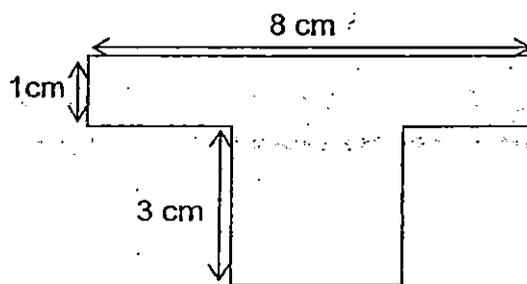


Figure B

- (1) 6 cm
- (2) 2 cm
- (3) 3 cm
- (4) 4 cm

19. Joe took 20 minutes to draw a picture and another 1 hour 30 minutes to colour the picture. He completed it at 12 noon. At what time did he start to draw his picture?

- (1) 10.10 a.m.
- (2) 11.30 a.m.
- (3) 1.30 p.m.
- (4) 1.50 p.m.

20.

$$\bullet \times \bullet = 36$$

$$\bullet + \bullet = Q$$

What is the value of Q?

- (1) 6
- (2) 12
- (3) 18
- (4) 36



Maha Bodhi School
2015 Semestral Assessment 1
Mathematics

Name : _____ ()

Class : Pr 4 _____

Duration : 1 h 45 min

Date : 12 May 2015

Section A	/ 40
Section B	/ 40
Section C	/ 20
Total	/ 100

Parent's Signature : _____

BOOKLET B

Section B (40 marks)

Questions 21 to 40 carry 2 marks each.

Write your answers in the spaces provided, giving the answers in the units stated.

Show your working clearly in the space provided below each question.

Marks will be awarded for correct method shown.

21. Write 34 715 in words.

Ans: _____

22. 12 750 , 32 750 , 52 750 , 72 750 , ?

What is the missing number in the box?

Ans: _____

/ 4

23. Write $\frac{43}{6}$ as a mixed number in its simplest form.

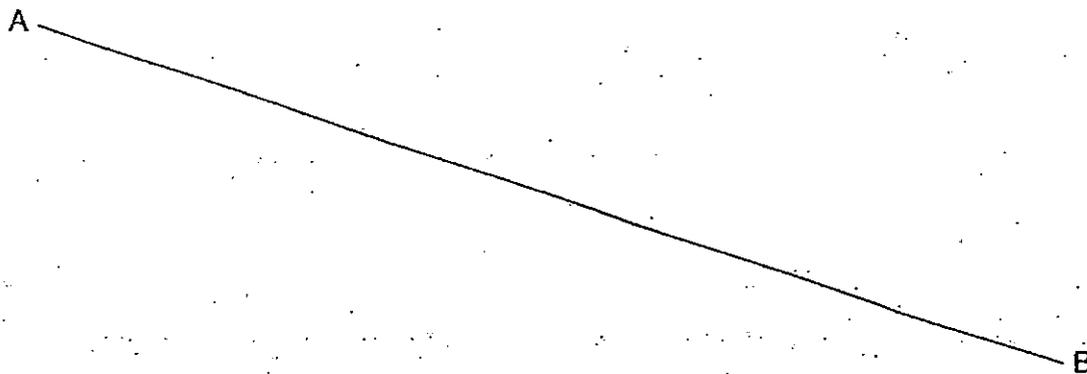
Ans: _____

24. Which two of the fractions below are equivalent to $\frac{8}{12}$?

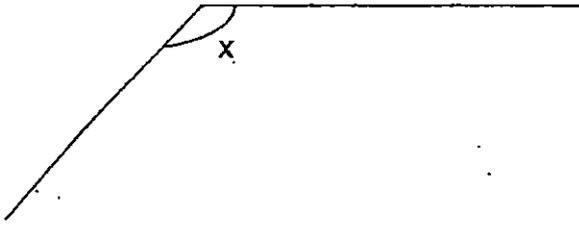
$$\frac{16}{24}, \quad \frac{4}{8}, \quad \frac{3}{6}, \quad \frac{2}{3}$$

Ans: _____ and _____

25. Draw a line perpendicular to line AB and passing through point Y.



26. Measure and write down the size of $\angle x$.



Ans: _____^o

27. The length of a square is 5 cm. Find its area.

Ans: _____ cm^2

28. Find the first two common multiples of 4 and 8.

Ans: _____, _____

29. Mr Tan can pack 1620 books in 3 days. He packs an equal number of books each day.
How many books can he pack in 5 days?

Ans: _____ books

30. Mrs See had $\frac{7}{8}$ kg of flour. She gave $\frac{1}{4}$ kg of flour to Miss Lim and $\frac{1}{2}$ kg of flour to Mrs Khan. How much flour had she left?

Ans: _____ kg

31. There are 240 pens in a box. $\frac{1}{6}$ of them are red pens and the rest are blue pens.
How many blue pens are there in the box?

Ans: _____ blue pens.

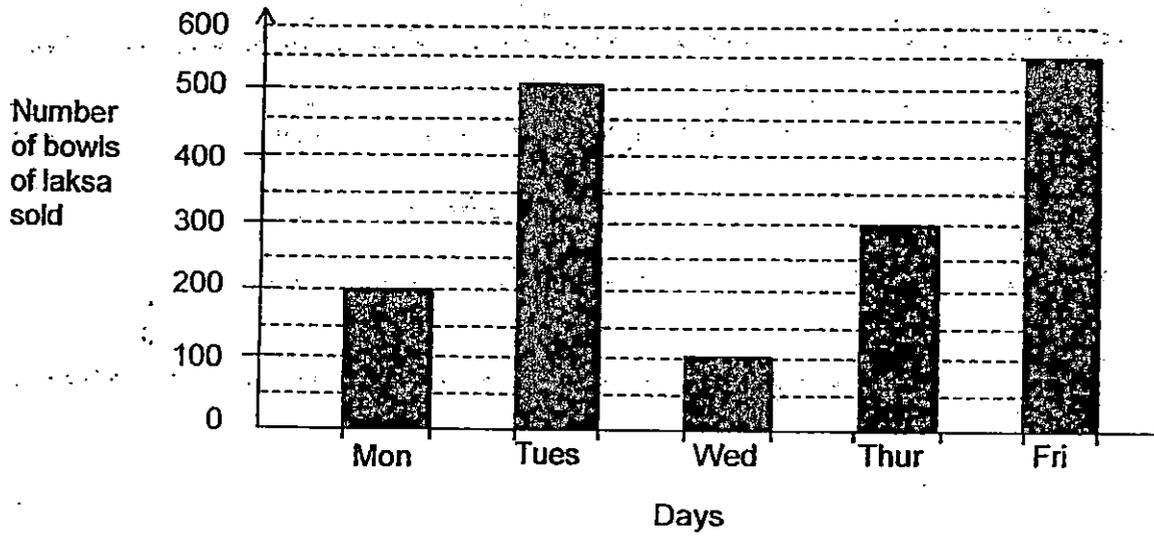
/ 6

32. Muthu took 1 h 10 min to complete his Mathematics homework. He took 55 minutes to finish his English homework.

How much time did Muthu take to do his homework in all?

Ans: _____ h _____ min .

33. The bar graph below shows the number of bowls of laksa sold at Stall C over 5 days.

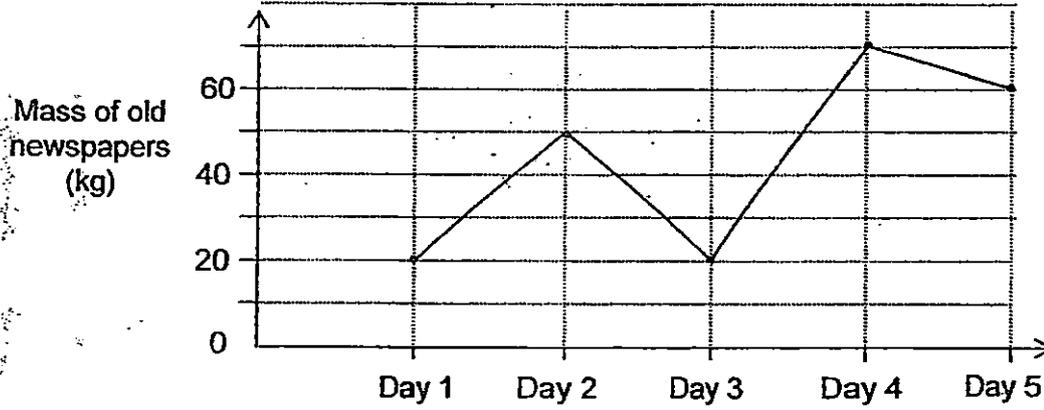


Find the total number of bowls of laksa sold on the day with the highest sales and on the day with the lowest sales.

Ans: _____ bowls

1 / 2

34. The line graph shows the mass (rounded off to the nearest 10 kg) of old newspapers Tom collected in five days.

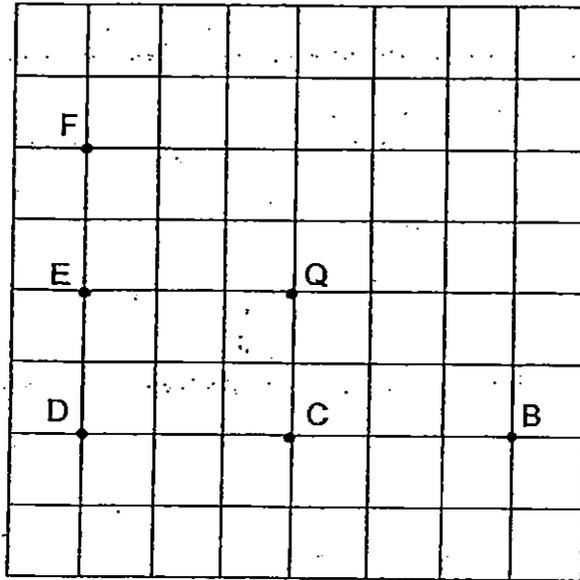


How much more old newspapers did Tom collect on Day 4 than Day 3?

Ans: _____ kg

1 / 2

35. Look at the figure below.



Refer to the square grid above.

- (a) Which point is north of point E?
- (b) Which point is south-west of point Q?

Ans: (a) _____
(b) _____

36. There are 9 times as many adults as children in a cinema.
There are 105 children and 438 men.
How many women are there in the cinema?

Ans: _____ women

/ 4

37. The table below shows the number of families living in different types of HDB flats in a new town last year.

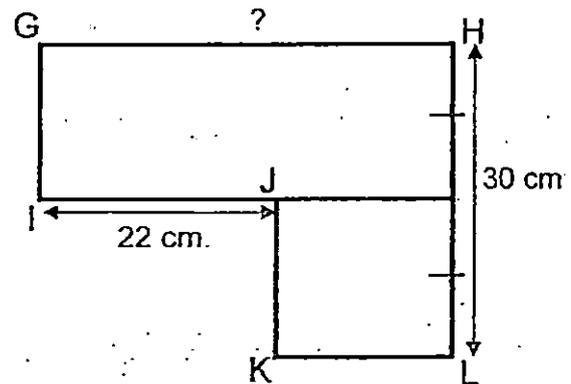
Type of HDB flat	1-room	2-room	3-room	4-room
Number of families	38	26	123	117

This year, 12 families from the 1-room flats and 15 families from a 2-room flats moved to 4-room flats. At the same time, 11 families from 3-room flats moved to 2-room flats.

How many families live in a HDB flat with less than 3 rooms this year?

Ans: _____ families

38. The figure GHIJKL is made up of a square and a rectangle. Find the length of GH.



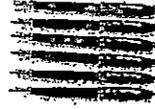
Ans: _____ cm

/ 4

39. Lily wants to buy 20 identical pens as shown below.



1 for \$4.50

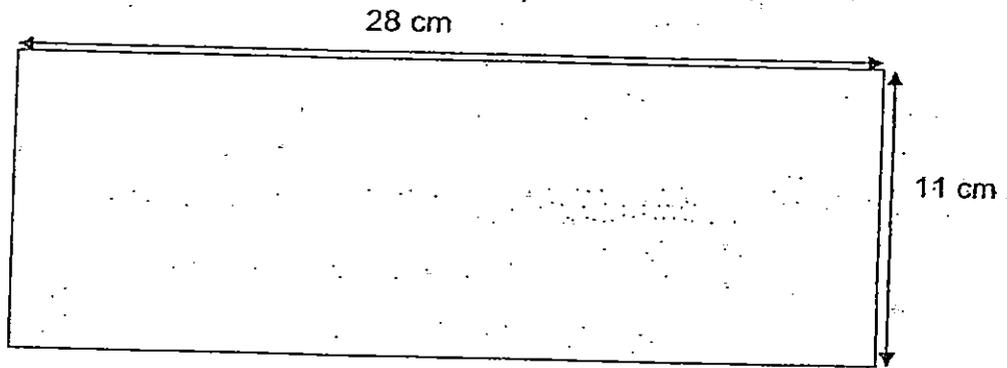
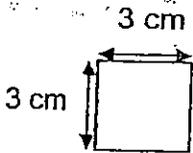


6 for \$23

What is the least amount of money she needs to buy 20 such pens?

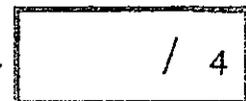
Ans: \$ _____

40. Adrian wants to cut some 3-cm squares from a piece of rectangular paper shown below.



What is the greatest number of squares he can cut out?

Ans: _____ squares



Section C (20 marks)

Questions 41 to 45 carry 4 marks each.

Show your working clearly in the space below each question.

41. Dave had 3317 stamps. He gave away 26 stamps. His father then gave him 517 stamps. He arranged all his stamps in 7 albums equally. How many stamps did he arrange in each album?

42. Ronnie spent $\frac{1}{5}$ of his money on a pair of shoes. He spent $\frac{1}{2}$ of his money on a watch. After his spending, he had \$210 left. How much did he have at first?

/ 8

43. 6 l of water is poured into two empty pails.

After pouring, 1 pail contains 80 ml more water than the other pail.

How much water is there in the other pail?

44. Gopal went to a shop with 3 fifty-dollar notes. He bought a watch and a calculator.

A watch cost 3 times as much as a calculator. He received \$32.40 change.

How much did the calculator cost?

45. Shanti was twice as old as Ismail 6 years ago.
Their total age is 36 years now. How old is Ismail now?



*Remember to check your work!
Every mark counts.*

–End of Paper–

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EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : MAHA BODHI SCHOOL

SUBJECT : MATHEMATICS

TERM : SA1

partnerinlear

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	2	3	2	3	1	4	1	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	2	3	2	4	4	1	4	1	2

Q21. Thirty four thousand, seven hundred and fifteen

Q22. 92 750

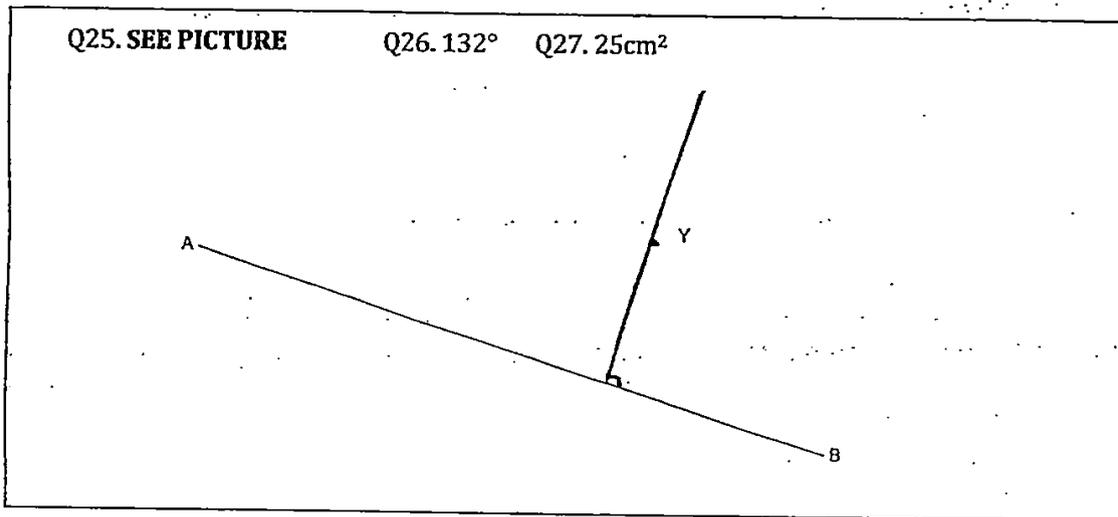
Q23. $7\frac{1}{6}$

Q24. $\frac{16}{24}$ and $\frac{2}{3}$

Q25. SEE PICTURE

Q26. 132°

Q27. 25cm^2



Q28. 8, 16

Q29. 2700 books $\rightarrow 540 \times 5 = 2700$

Q30. $\frac{1}{8}\text{kg} \times \frac{7}{8} - \frac{2}{8} = \frac{1}{8}$

Q31. 200 blue pens $\rightarrow \frac{1}{5} \times 240 = 40$

Q32. 2h 5min $\rightarrow 1\text{h } 10\text{min} + 55\text{min} = 2\text{h } 05\text{min}$

Q33. 650 bowls $\rightarrow 550 + 100 = 650$

Q34. 50kg $\rightarrow 70 - 20 = 50$

Q35a. F

Q35b. D

Q36. 507 women $\rightarrow 105 \times 9 = 945, 945 - 438 = 507$

Q37. 48 families $\rightarrow 12+4=16, 26-16=10, 10 \times 38=48$

Q38. 37cm $\rightarrow 22-15=37$

Q39. \$78 $\rightarrow 23 \times 3 = 69, 69 + 4.50 + 4.50 = 78.00$

Q40. 27 squares $\rightarrow 28 \div 3 = 9\text{R}1, 11 \div 3 = 3\text{R}2, 9 \times 3 = 27$

Q41. 544 stamps in each album

$3317 - 26 = 3291, 3291 + 517 = 3808, 3808 \div 7 = 544$

Q42. $\$700 \rightarrow 210 \div 3, 70 \times 10 = 700$

Q43. 2l 960ml of water

$6000\text{ml} - 80\text{ml} = 5920\text{ml}, 5920\text{ml} \div 2 = 2960\text{ml}, 2960\text{ml} = 2\text{l } 960\text{ml}$

Q44. $\$29.40$

$50 \times 3 = 150, 150 - 32.40 = 117.60, 117.60 \div 4 = 29.40$

Q45. 14 years old now

$36 - 6 - 6 = 24, 24 \div 3 = 8, 8 + 6 = 14$

THE END



MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1

PRIMARY 4 MATHEMATICS

11 MAY 2015

BOOKLET A

20 questions

40 marks

Total time for Booklets A and B: 1 h 45 min

NAME : _____

CLASS : PRIMARY 4, _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A (20 x 2 = 40 marks)

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In which of the following is the digit 8 in the thousands place?

- (1) 24 083
- (2) 34 861
- (3) 84 572
- (4) 98 063

2. The best estimate for 48×732 is _____.

- (1) 40×700
- (2) 40×800
- (3) 50×700
- (4) 50×800

3. The table below shows the examination results of three pupils.

Name	English	Mathematics	Mother Tongue	Science
Kenneth	90	70	40	86
Linus	40	35	80	77
Mike	20	60	45	43

In which subject did Kenneth score twice as many marks as Linus?

- (1) English
- (2) Mathematics
- (3) Mother Tongue
- (4) Science

4. Find the sum of $\frac{7}{8}$ and $\frac{3}{4}$.

(1) $\frac{10}{12}$

(2) $1\frac{2}{8}$

(3) $1\frac{5}{8}$

(4) $2\frac{1}{2}$

5. Which one of the following has the greatest value?

(1) $\frac{2}{3} \times 18$

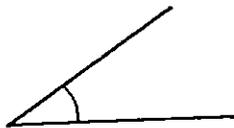
(2) $\frac{3}{8} \times 24$

(3) $\frac{2}{5} \times 15$

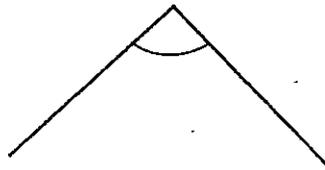
(4) $\frac{1}{6} \times 12$

6. Which one of the following angles is equal to 90° ?

(1)



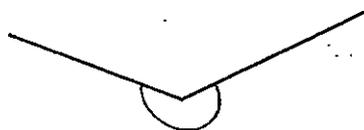
(2)



(3)

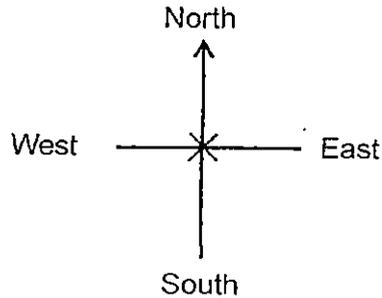


(4)



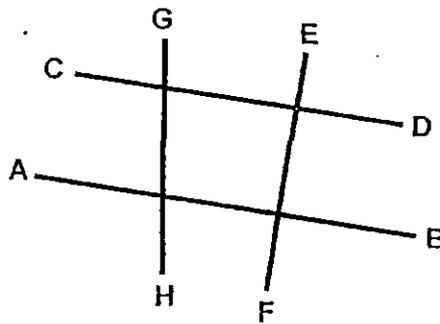
7. You are standing on point X, facing East.
After making half a turn in an anti-clockwise direction, where will you be facing?

- (1) West
- (2) East
- (3) North
- (4) South



8. Name a pair of perpendicular lines in the following diagram.

- (1) AB and CD
- (2) EF and CD
- (3) EF and GH
- (4) AB and GH



9. Which one of the following is the same length as 3065 cm?

- (1) 3 m 65 cm
- (2) 30 m 65 cm
- (3) 3 km 65 m
- (4) 30 km 65 cm

10. Tim spent 4 hours 30 minutes revising his work.
How many minutes did he spend on his revision?

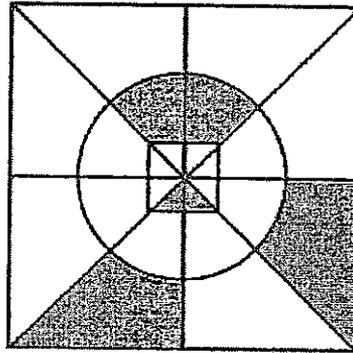
- (1) 43 min
- (2) 240 min
- (3) 270 min
- (4) 430 min

11. Siew Leng started her music lesson at 11.45 a.m. and ended at 2.15 p.m. How long was her music lesson?
- (1) 1 h 15 min
 - (2) 1 h 30 min
 - (3) 2 h 15 min
 - (4) 2 h 30 min

12. Find the sum of the common factors of 9 and 12.
- (1) 9
 - (2) 13
 - (3) 3
 - (4) 4

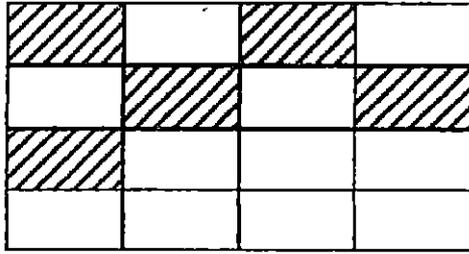
13. What fraction of the figure is shaded?

- (1) $\frac{1}{4}$
- (2) $\frac{2}{6}$
- (3) $\frac{5}{6}$
- (4) $\frac{6}{8}$

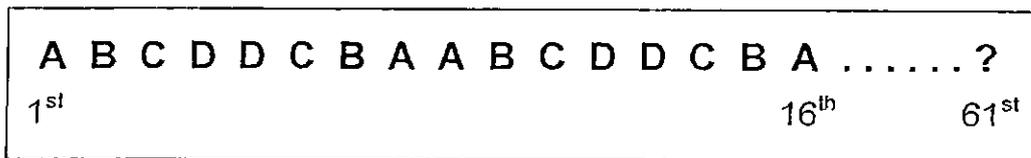


14. $\frac{2}{3}$ m of rope costs \$18. How much would $\frac{1}{9}$ m of the same rope cost?
- (1) \$6
 - (2) \$2
 - (3) \$3
 - (4) \$12

15. The figure below is made up of 16 identical rectangles. How many **more** rectangles must be shaded so that $\frac{3}{4}$ of the figure is shaded?



- (1) 12
 (2) 7
 (3) 5
 (4) 4
16. Ahmad uses four letters to form a pattern. The first 16 letters in the pattern are shown below. Which letter is in the 61st position?

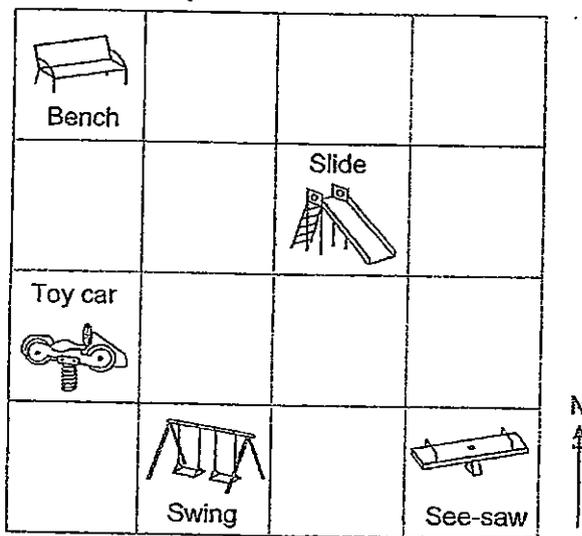


- (1) A
 (2) B
 (3) C
 (4) D
17. Michael has 168 sweets. He puts 20 sweets in each bag, except the last bag which has fewer than 20 sweets. How many more sweets does Michael need so that he has exactly 20 sweets in each bag?
- (1) 8
 (2) 2
 (3) 12
 (4) 20

18. There were 36 cupcakes in a box at first. $\frac{1}{3}$ of them were chocolate cupcakes. The rest were strawberry cupcakes. Mother ate 3 of the strawberry cupcakes. How many strawberry cupcakes were left?

- (1) 9
- (2) 12
- (3) 21
- (4) 24

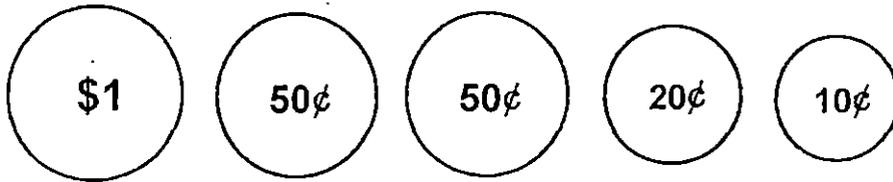
19. The square grid below shows the plan of a playground. The bench is north of the toy car.



The swing is _____ of the toy car.

- (1) north-east
- (2) north-west
- (3) south-west
- (4) south-east

20. Mary has the following 5 coins in her purse.



She takes out 3 **coins** to pay for an ice-cream. What could be the cost of the ice-cream?

- (1) \$0.70
- (2) \$1.10
- (3) \$1.40
- (4) \$1.80

End of Booklet A .
Go on to Booklet B

Section B (20 x 2 = 40 marks)

Show your working clearly in the spaces below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

21. Arrange the following fractions from the greatest to the smallest.

$$\frac{2}{3}, \frac{5}{6}, \frac{3}{4}$$

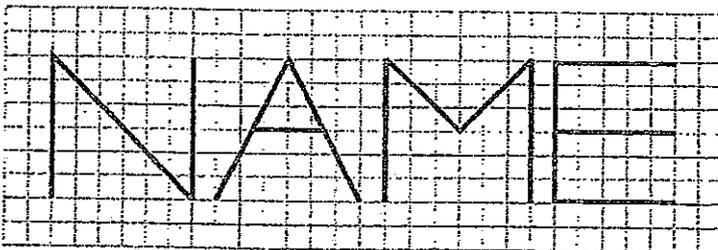
Answer: _____, _____, _____
(greatest) (smallest)

Do not write in this space.

22. Express $4\frac{3}{5}$ as an improper fraction.

Answer: _____

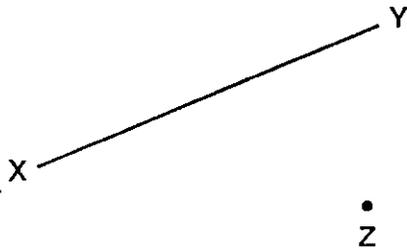
23. In the diagram below, the letters N, A, M and E are drawn on a square grid.



Which of these letters have perpendicular lines?
Write the letter(s) on the answer line provided below.

Answer: _____

24. Draw a line parallel to XY passing through Z.

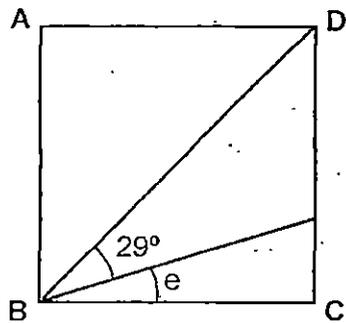


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25. Use the line below to draw $\angle ABC$ such that it is 135° . Mark out the angle and label point C in the figure.



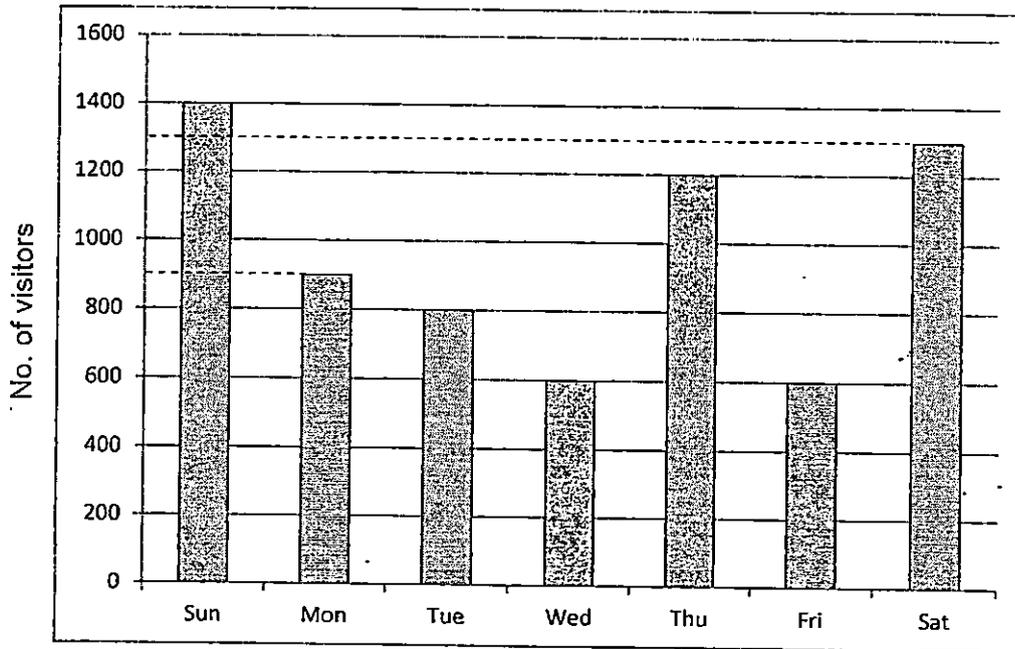
26. In the diagram below, ABCD is a square. Find $\angle e$.



Answer: _____ $^\circ$

The graph below shows the number of visitors to a tourist attraction from Sunday to Saturday. Study it carefully and answer questions 27 and 28.

Do not write in this space.



27. What was the difference between the greatest number of visitors and the smallest number of visitors in that week?

Answer: _____

28. On which day were there twice as many visitors as on Wednesday?

Answer: _____

29. A wallet costs \$39.90. It costs \$4.90 more a purse.
Find the total cost of the wallet and the purse.

Do not
write in
this
space.

Answer: \$ _____

30. A number is a multiple of 3. It is between 10 and 40.
It is also a factor of 45. What is the number?

Answer: _____

31. Last weekend, Mr Tan, his wife, his 10 year-old daughter and 13 year-old son visited an exhibition. The admission fees are as follows:

Admission Fee

\$6.00 per child
(12 years and below)

\$8.70 per adult

How much did the Tan family pay altogether?

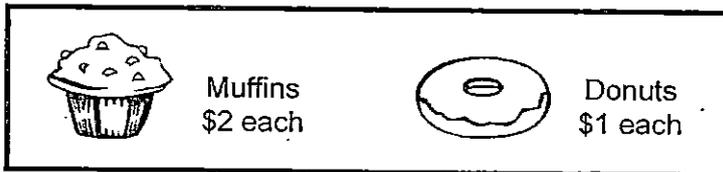
Answer: \$ _____

32. Vanessa spent $\frac{1}{4}$ of her money on a dress and had \$69 left.
How much did she have at first?

Do not
write in
this
space.

Answer: \$ _____

33. Mrs Ong bought some muffins and donuts at the prices shown below.



She bought 3 more donuts than muffins and spent \$18 altogether.
How many muffins did she buy?

Answer: _____

34. $\frac{3}{7}$ of the students in Primary 4K scored Band 1 in a test.
An equal number of them scored Band 2 and Band 3.
12 students scored Band 2. How many students scored Band 1?

Answer: _____

35. Adam, Ben and Chris received \$380 altogether.
Adam received twice as much as Ben.
Chris received \$20 less than Adam.
How much did Ben receive?

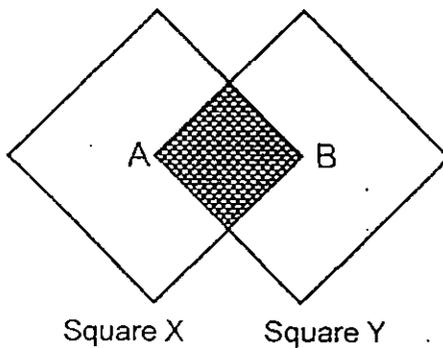
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space.

Answer: \$ _____

36. 2 books and 2 files cost \$13.
5 books and 4 files cost \$30.
Find the cost of 1 book.

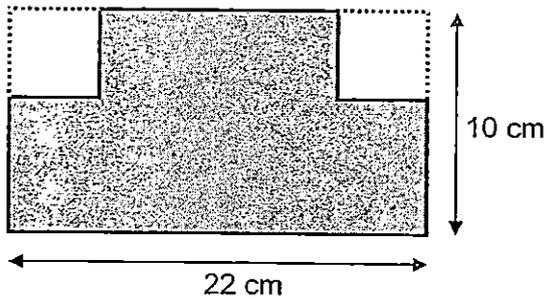
Answer: \$ _____

37. Two identical squares overlap each other to form the figure below.
A and B are the centres of squares X and Y respectively.
What fraction of the figure is shaded?



Answer: _____

38. Two identical squares of side 4 cm are cut out from a rectangular piece of paper measuring 22 cm by 10 cm. Find the perimeter of the remaining paper.



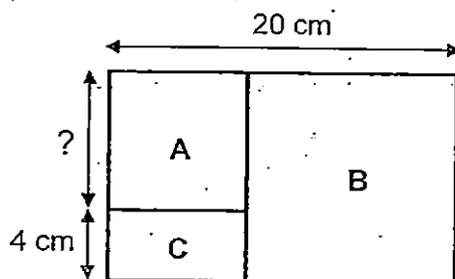
Answer: _____ cm

Do not write in this space.

39. There were 5 word problems in Matthew's Mathematics worksheet. He spent 6 min on each word problem. He then spent 1 h 25 min on a project. If he started doing his Mathematics worksheet at 11.45 a.m., at what time would he finish his project?

Answer: _____ p.m.

40. The figure below is made up of Squares A and B and Rectangle C. Find the length of Square A.



Answer: _____ cm

Section C (5 x 4 = 20 marks)

Work out the answers for each of the following questions. All workings must be shown clearly in the space provided.

41. Paul had some marbles. $\frac{7}{12}$ of them were blue, $\frac{1}{12}$ of them were red, $\frac{1}{6}$ of them were green and the rest were yellow.

(a) What fraction of Paul's marbles were yellow?

Leave your answer in its simplest form.

(b) Paul had 37 yellow marbles.

How many marbles did he have altogether?

Do not write in this space.

Answer: (a) _____ [2]

(b) _____ [2]

42. There are 165 pencils in Box A and 73 pencils in Box B.
How many pencils must be moved from Box A to Box B so that Box B has 24 more pencils than Box A?

Do not
write in
this
space.

Answer: _____ [4]

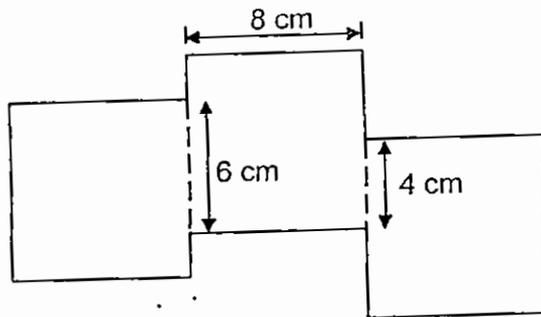
9

SCORE
(Go on to the next page)

43. The figure below is made up of three identical squares of side 8 cm.

(a) Find the area of the figure.

(b) Find the perimeter of the figure.



Do not
write in
this
space.

Answer: (a) _____ [2]

(b) _____ [2]

10

SCORE
(Go on to the next page)

44. In Day 1, Halim poured 3 litres of water into a tank.
 In Day 2, he poured 2 litres of water into the tank.
 He continued pouring 2 litres of water into the tank for the next few days.

Do not write in this space.

- (a) How many litres of water were there in the tank in Day 6?
 (b) On which day would there be a total of 35 litres of water in the tank?

Day	Amount of water poured into the tank (litres)	Total amount of water in the tank (litres)
1	3	3
2	2	5
⋮	⋮	⋮
6	⋮	(a) ?
⋮	⋮	⋮
⋮	⋮	⋮
⋮	⋮	⋮
⋮	⋮	⋮
(b) ?	⋮	35

Answer: (a) _____ [2]

(b) Day _____ [2]

45. Jeremy strings some red and blue beads to make a necklace.
For every 2 red beads Jeremy uses, he uses 6 blue beads.
He uses a total of 72 red and blue beads for the necklace.
How many more blue beads than red beads does he use?
(Hint : You may make a list)

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write in
this
space.

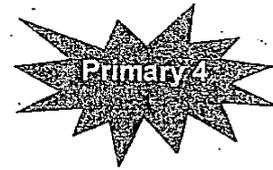
Answer: _____ [4]

END OF PAPER

12

SCORE

MARIS STELL HIGH SCHOOL (PRIMARY)
 SEMESTRAL ASSESSMENT 1
 11 MAY 2015
 MATHEMATICES
 ANSWER KEY



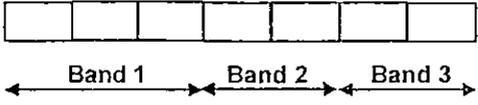
Section A: 20 x 2 marks

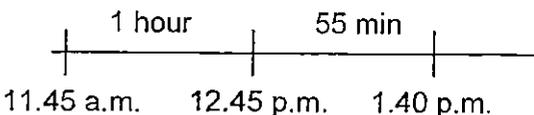
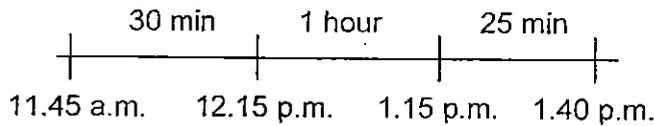
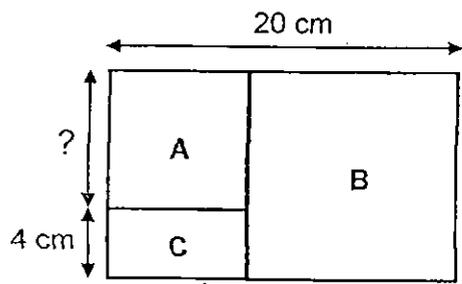
	Answer		Answer		Answer		Answer
1	4	6	2	11	4	16	4
2	3	7	1	12	4	17	3
3	2	8	2	13	1	18	3
4	3	9	2	14	3	19	4
5	1	10	3	15	2	20	2

Section B: 20 x 2 marks

(Note: If no workings are shown in this section but answers are correct, award A2 each. If answer is wrong but method is correct, award M1. If method is wrong, but answer written on the answer line is correct, 0 mark.)

Qns.	Answers
21	$\frac{5}{6}, \frac{3}{4}, \frac{2}{3}$ [Note: Fractions on the answer line must be written in the <u>original form</u> , else <u>no mark</u> .]
22	$4\frac{3}{5} = \frac{23}{5}$
23	M, E
24	
25	

Qns	Answers		
26	$45^\circ - 29^\circ$ $= \underline{16^\circ}$		
27	$1400 - 600$ $= \underline{800}$		
28	Thursday or Thu		
29	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Purse $\rightarrow \\$39.90 - \\$4.90 = \\$35$ Total $\rightarrow \\$39.90 + \\35 $= \underline{\\$74.90}$ </td> <td style="width: 50%; vertical-align: top;"> $\\$39.90 \times 2 = \\79.80 $\\$79.80 - \\4.90 $= \underline{\\$74.90}$ </td> </tr> </table>	Purse $\rightarrow \$39.90 - \$4.90 = \$35$ Total $\rightarrow \$39.90 + \35 $= \underline{\$74.90}$	$\$39.90 \times 2 = \79.80 $\$79.80 - \4.90 $= \underline{\$74.90}$
Purse $\rightarrow \$39.90 - \$4.90 = \$35$ Total $\rightarrow \$39.90 + \35 $= \underline{\$74.90}$	$\$39.90 \times 2 = \79.80 $\$79.80 - \4.90 $= \underline{\$74.90}$		
30	Multiples of 3: 12, <u>15</u> , 18, 21, 24, 27, 30, 33, 36, 39 Factors of 45: 1, 3, 5, 9, <u>15</u> , 45 Answer: <u>15</u>		
31	$\$8.70 \times 3 = \26.10 $\$26.10 + \6 $= \underline{\$32.10}$		
32	3 units = \$69 1 unit = $\$69 \div 3 = \23 4 units = 4×23 $= \underline{\$92}$		
33	$18 - 3 = 15$ 1 set $\rightarrow 2 + 1 = 3$ $15 \div 3$ $= \underline{5}$		
34	 2 units = 12 1 unit = $12 \div 2 = 6$ 3 units = 3×6 $= \underline{18}$		

Qns	Answers
39	<p>Time taken for word problems $\rightarrow 5 \times 6 \text{ min} = 30 \text{ min}$</p> <p>Total time taken $\rightarrow 30 \text{ min} + 1 \text{ h } 25 \text{ min}$ $= 1 \text{ h } 55 \text{ min}$</p>  <p>Completed reading at 1.40 p.m.</p> <p>Alternatively,</p>  <p>Completed reading at 1.40 p.m.</p>
40	<p>Method 1</p>  <p>Length of A + Length of B = 20 cm Length of A + Length of B + Breadth of C = 24 cm Length of A + Breadth of C = Length of B (see above) Length of A + Breadth of C = 24 \div 2 = 12 cm So, Length of A = 12 - 4 = 8 cm</p> <p>Method 2</p> <p>length of A + length of B = 20 cm length of A + 4 cm = length of B 2 x length of A + 4 cm = 20 cm 2 x length of A = 20 - 4 = 16 cm So, Length of A = 16 cm \div 2 = 8 cm</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Method 3</p> <p>[Guess and Check]</p> <p>20 = 8 (A) + 12 (B) 8 (A) + 4 (C) = 12 (B) Answer: 8 cm</p> </div>

Section C: 5 x 4 marks

41. (a) Yellow $\rightarrow 1 - \frac{7}{12} - \frac{1}{12} - \frac{1}{6}$
 $= \frac{12}{12} - \frac{7}{12} - \frac{1}{12} - \frac{2}{12}$
 $= \frac{2}{12} = \frac{1}{6}$

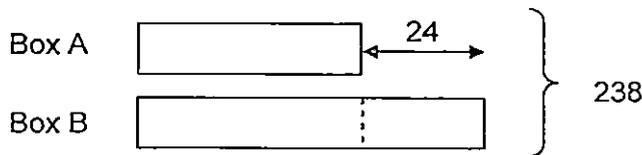
Alternatively,
Blue + Red + Green
 $\rightarrow \frac{7}{12} + \frac{1}{12} + \frac{1}{6} = \frac{10}{12}$
Yellow $\rightarrow \frac{12}{12} - \frac{10}{12}$
 $= \frac{2}{12} = \frac{1}{6}$

(b) $\frac{1}{6} \rightarrow 37$
Total $\rightarrow 6 \times 37$
 $= \underline{222}$

He had 222 marbles altogether.

42. Total before = Total after = $165 + 73$
 $= 238$

After Model:



After:
 $238 - 24 = 214$
Box A $\rightarrow 214 \div 2 = 107$
 $165 - 107$
 $= \underline{58}$

58 pencils must be moved from Box A to Box B

Alternatively,

Total at first $\rightarrow 165 + 73 = 238$
 $238 + 24 = 262$
Box B $\rightarrow 262 \div 2 = 131$
 $131 - 73$
 $= \underline{58}$

43. (a) Area of 1 square $\rightarrow 8 \times 8 = 64 \text{ cm}^2$
 Area of 3 squares $\rightarrow 3 \times 64$
 $= \underline{192 \text{ cm}^2}$

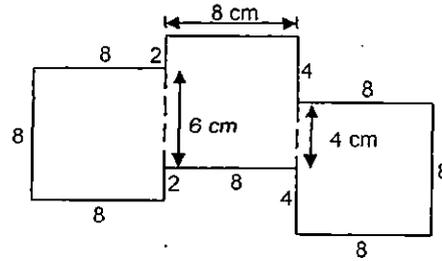
Alternative:
 Area of 3 squares $\rightarrow 24 \times 8$
 $= \underline{192 \text{ cm}^2}$

(b) **Method 1**

Perimeter $\rightarrow 8 + 2 + 8 + 4 + 8 + 8 + 8 + 4 + 8 + 2 + 8 + 8$
 $= \underline{76 \text{ cm}}$

Method 2

$8 \times 8 \text{ cm} = 64 \text{ cm}$
 $2 \times 2 \text{ cm} = 4 \text{ cm}$
 $2 \times 4 \text{ cm} = 8 \text{ cm}$
 Perimeter $\rightarrow 64 + 4 + 8$
 $= \underline{76 \text{ cm}}$



[Note: Deduct $\frac{1}{2}$ mark overall for missing units or wrong units.]

44. (a) **Method 1**

Day 1 $\rightarrow 3 \ell$
 Day 2 $\rightarrow 2 + 3 = 5 \ell$
 Day 3 $\rightarrow 2 + 5 \ell = 7 \ell$
 Day 4 $\rightarrow 2 + 7 \ell = 9 \ell$
 Day 5 $\rightarrow 2 + 9 \ell = 11 \ell$
 Day 6 $\rightarrow 2 + 11 \ell$
 $= \underline{13 \ell}$

Method 2

Day 2 to Day 6 $\rightarrow 5 \text{ (days)} \times 2 \ell = 10 \ell$
 Total 6 days $\rightarrow 3 \ell + 10 \ell$
 $= \underline{13 \ell}$

[Note: Deduct $\frac{1}{2}$ mark for missing units or wrong units.]

- (b) $35 - 3 = 32$
 $32 \div 2 = 16$
 No. of days $\rightarrow 16 + 1$
 $= 17 \text{ days}$
 Answer: Day 17

Alternatively,
 Day 6 $\rightarrow 13 \ell$
 $35 - 13 = 22$
 $22 \div 2 = 11 \text{ (more days)}$
 $11 + 6 = 17$
 Answer: Day 17

45. **Method 1**

Red beads	Blue Beads	Total beads
2	6	$2 + 6 = 8$
4	12	16
6	18	24
8	24	42
10	30	40
12	36	48
14	42	56
16	48	64
18	54	72

$$54 - 18$$

$$= \underline{36}$$

Method 2

$$2 + 6 = 8 \text{ (total beads in 1 set)}$$

$$72 \div 8 = 9 \text{ sets}$$

$$9 \times 2 = 18 \text{ red} \quad 9 \times 6 = 54 \text{ blue}$$

$$54 - 18$$

$$= \underline{36}$$

Method 3

$$2 + 6 = 8 \text{ (total beads in 1 set)}$$

$$72 \div 8 = 9 \text{ sets}$$

$$6 - 2 = 4 \text{ (Difference in 1 set)}$$

$$9 \times 4$$

$$= \underline{36}$$

END

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2015 PRIMARY 4 MATHEMATICS BOOKLET A

Booklets A, B and C: 1 h 45 minutes

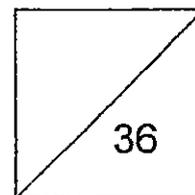
INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 12 May 2015



This booklet consists of 8 printed pages including this page.

Section A: MCQ (36 marks)

Questions 1 to 18 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. Twenty-three thousand, six hundred and seven written in figures is

- (1) 2 367
- (2) 23 067
- (3) 23 607
- (4) 23 670

2. In which of the following numbers is the digit 5 in the thousands place?

- (1) 23 580
- (2) 23 850
- (3) 23 805
- (4) 25 380

3. Look at the number pattern below. What is the missing number?

54 200, 55 700, 57 200, _____, 60 200.

- (1) 57 700
- (2) 58 200
- (3) 58 700
- (4) 59 000

4. When a number is divided by 5, it has a remainder of 4. The number is a factor of 42. What is the number?

- (1) 7
- (2) 14
- (3) 21
- (4) 24

5. Mrs Lim's age is the fourth multiple of 9. Mrs Lim's age is 3 times her daughter's age. How old is her daughter?

- (1) 36
- (2) 27
- (3) 15
- (4) 12

6. The common factor of two numbers is 8. What are the numbers?
- (1) 4 and 8
 - (2) 20 and 32
 - (3) 34 and 40
 - (4) 48 and 64
7. Siti had 320 stickers. When she arranged them equally onto 7 pages of an album, she did not have enough space for some stickers. How many stickers were not in the album?
- (1) 6
 - (2) 5
 - (3) 3
 - (4) 4
8. A number when rounded off to the nearest hundred is 1800. What is the largest possible number?
- (1) 1769
 - (2) 1799
 - (3) 1849
 - (4) 1869
9. The table below shows incomplete information of pupils from 3 classes who are in the chess club.

Class	Number of pupils
Primary 4A	
Primary 4B	18
Primary 4C	8
Total	40

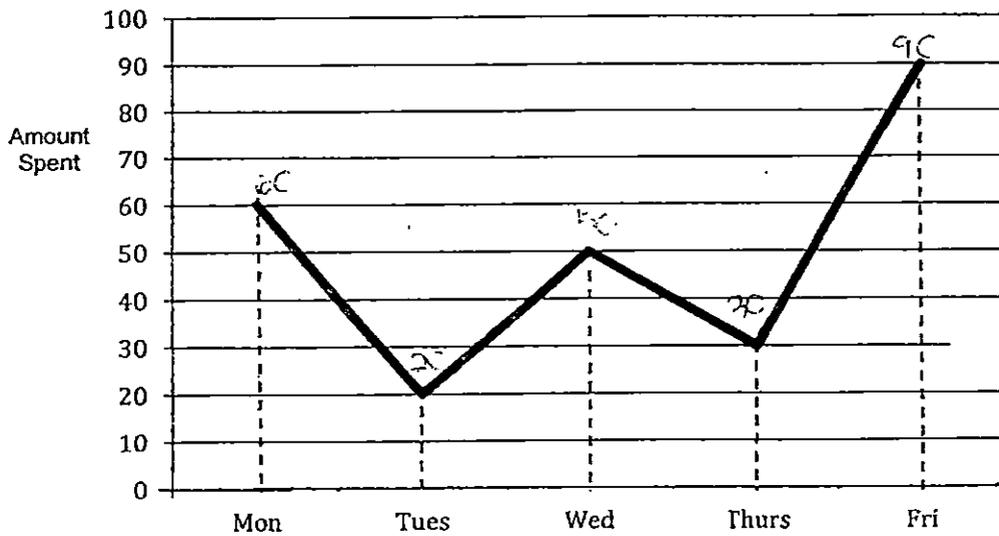
How many more pupils in Primary 4A than Primary 4C are in the chess club?

- (1) 24
- (2) 14
- (3) 10
- (4) 6

Use the information below to answer Questions 10 and 11.

Sally received \$250 from her father in a certain week.

The line graph below shows the amount she spent from Monday to Friday.



10. On which day did Sally spend twice as much as Thursday?

- (1) Monday
- (2) Tuesday
- (3) Wednesday
- (4) Friday

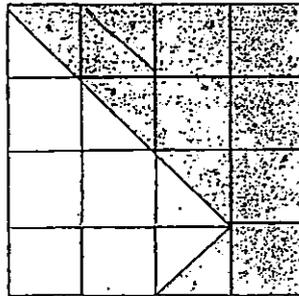
11. How many days did Sally spend more than $\frac{1}{5}$ of her pocket money?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

12. How many quarters are there in $2\frac{3}{4}$?

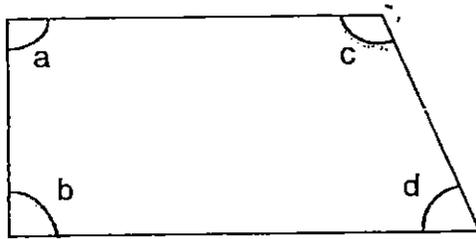
- (1) 8
- (2) 10
- (3) 11
- (4) 23

13. What fraction of the figure below is **shaded**?



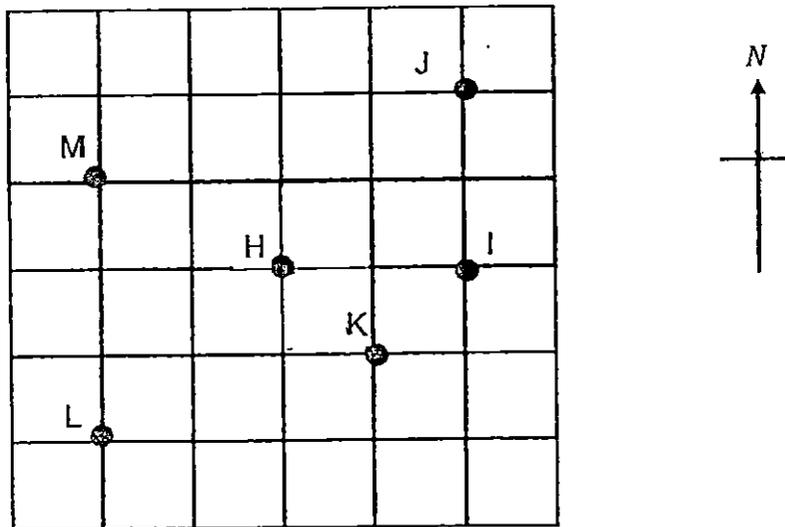
- (1) $\frac{1}{2}$
- (2) $\frac{7}{9}$
- (3) $\frac{9}{7}$
- (4) $\frac{9}{16}$

14. In the figure below, which angle is smaller than a right angle?



- (1) $\angle a$
- (2) $\angle b$
- (3) $\angle c$
- (4) $\angle d$

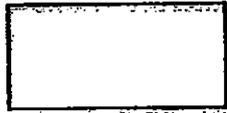
15. The following grid shows the position of H, I, J, K, L and M.. Which letter is South-East of H?



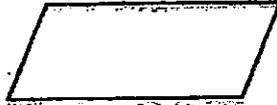
- (1) I
- (2) J
- (3) K
- (4) L

16. Which one of the following figures contains only 1 pair of parallel lines?

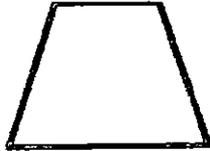
(1)



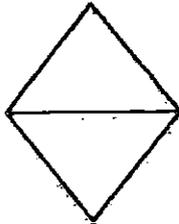
(2)



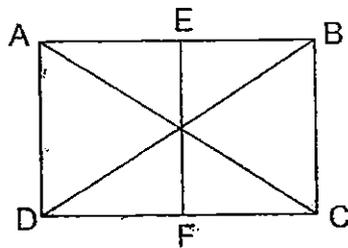
(3)



(4)



17. Which one of the following lines is perpendicular to AD?



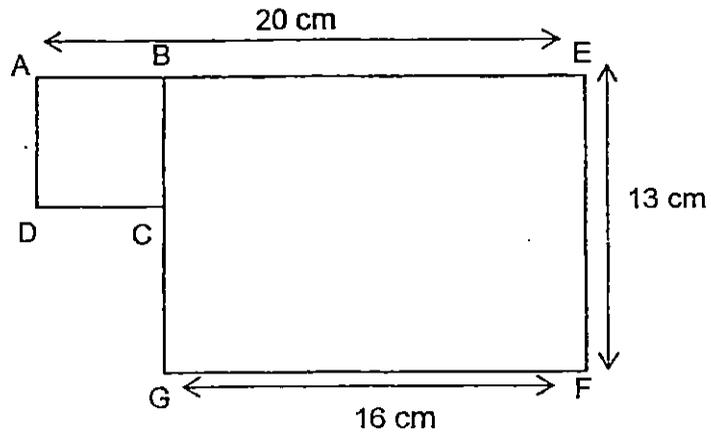
(1) EF

(2) DC

(3) BC

(4) AC

18. In the figure below, ABCD is a square and BEFG is a rectangle. Find the length of CG.



- (1) 9 cm
- (2) 7 cm
- (3) 3 cm
- (4) 4 cm

End of Booklet A

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2015 PRIMARY 4 MATHEMATICS BOOKLET B

Booklets A, B and C: 1 h 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 12 May 2015

Parent's Signature: _____

BOOKLET A	36
BOOKLET B	36
BOOKLET C	28
TOTAL	100

This booklet consists of 9 printed pages including this page.

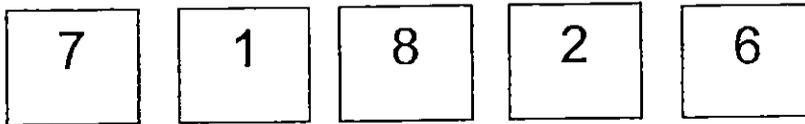
Section B: (36 marks)

Questions 19 to 36 carry 2 marks each.

Write out the correct answers for the following questions in the space provided. Show your working clearly and give your answers in the units provided.

19. Write 96 041 in words.

20. Look at the numbers below



Use the digits from above to form the greatest 5-digit even number?

Ans: _____

21. What is the sum of second and fifth multiples of 8?

Ans: _____

22. List all factors of 18.

Ans: _____

23.

If $\triangle + \triangle = 50$,

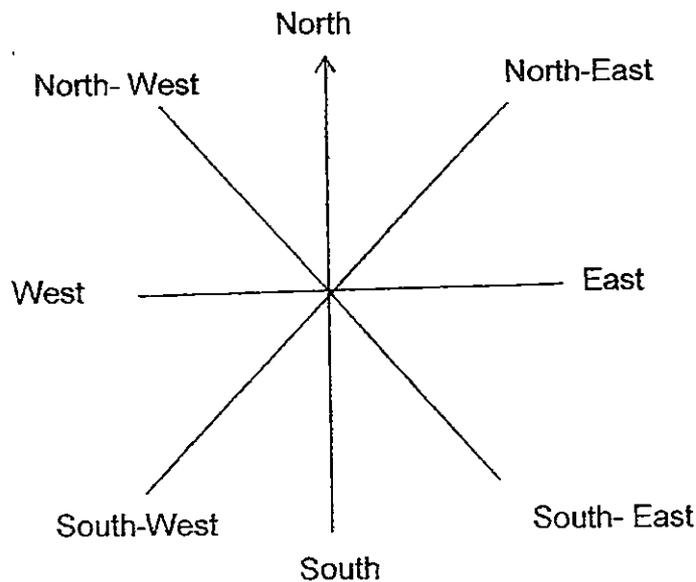
Then $\triangle + \triangle + \triangle + \triangle + \triangle = \star$

What is \star ?

Ans: _____

24. Use the 8-point compass shown below to answer the following questions.

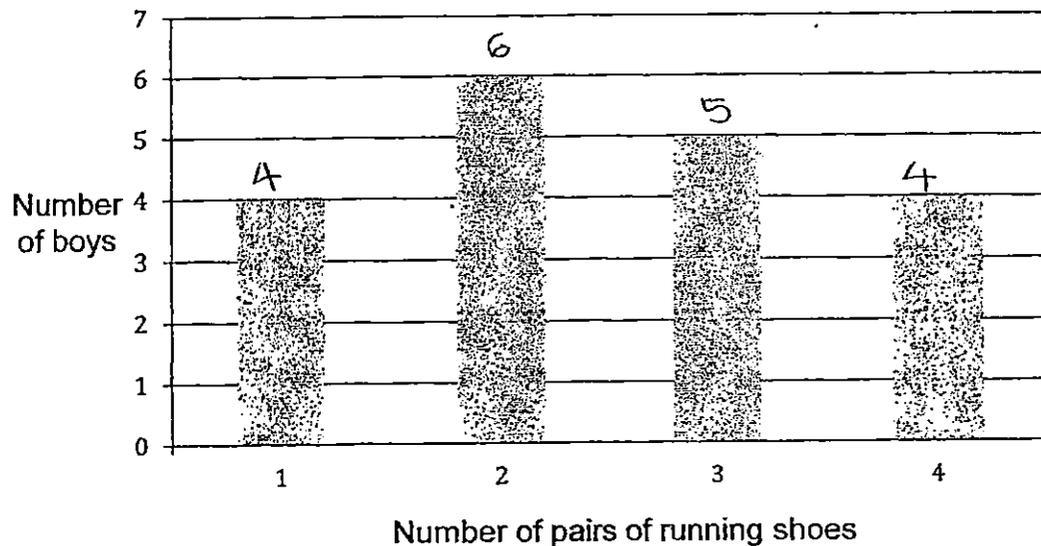
- (a) John was facing North. He made a $\frac{3}{4}$ - turn to his left. Which direction was he facing?
- (b) Peter was facing South after turning 225° anti-clockwise. Which direction was Peter facing at first?



Ans: (a) _____

(b) _____

A group of boys participated in a survey. Each boy was asked how many pairs of running shoes he has. The bar graph below shows the results of the survey. Study the graph carefully and use it to answer Questions 25 to 27.



25. How many boys participated in the survey?

Ans: _____

26. How many boys have more than 2 pairs of running shoes?

Ans: _____

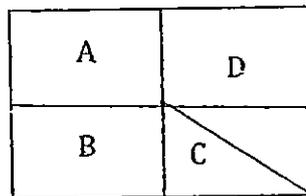
27. What fraction of the boys have 4 pairs of running shoes?

Ans: _____

28. Jane has 48 beads. 18 beads are red and 16 are yellow. The rest of them are orange. What fraction of the beads is orange? Give your answer in its simplest form.

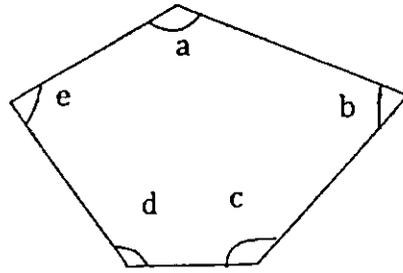
Ans: _____

29. A rectangle is divided into 4 parts, A, B, C and D. A and B are identical. C and D form half of the rectangle. What fraction of the rectangle is C?



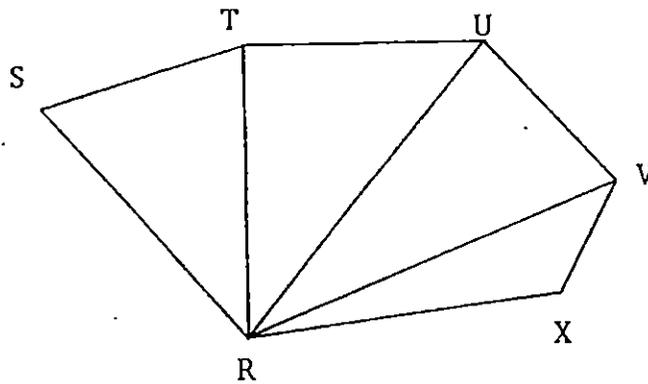
Ans: _____

30 In the figure below, name two angles that are greater than 90° .



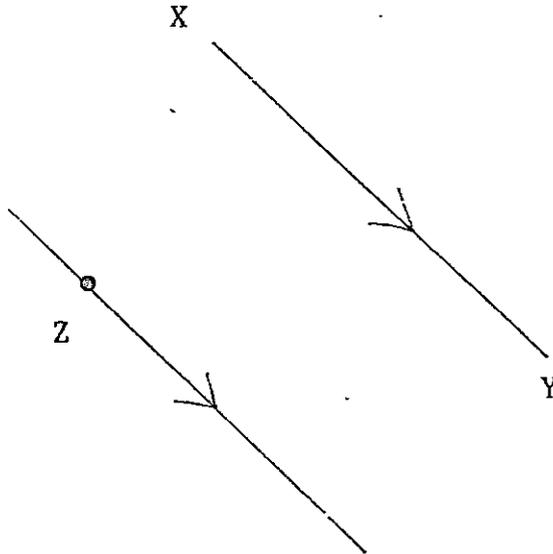
Ans: _____

31. In the figure below, which two lines are perpendicular?

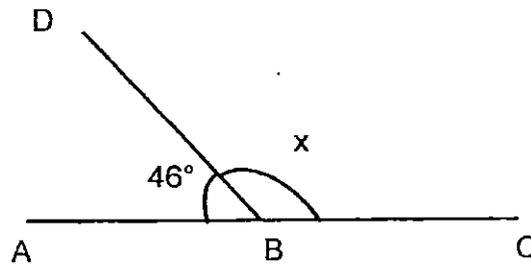


Ans : _____

32. Draw a line parallel to Line XY and passing through the point Z.

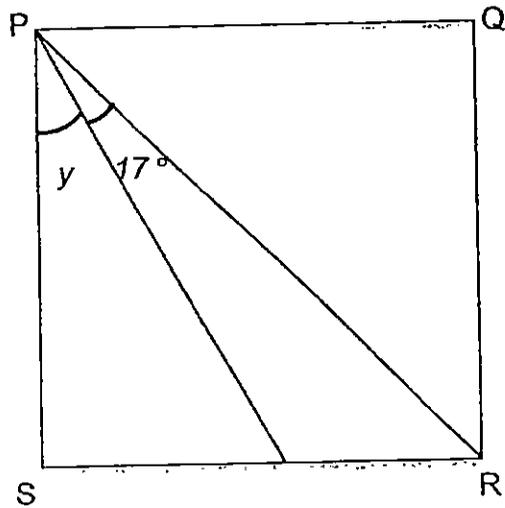


33. ABC is a straight line. Given that $\angle ABD = 46^\circ$, find $\angle x$.



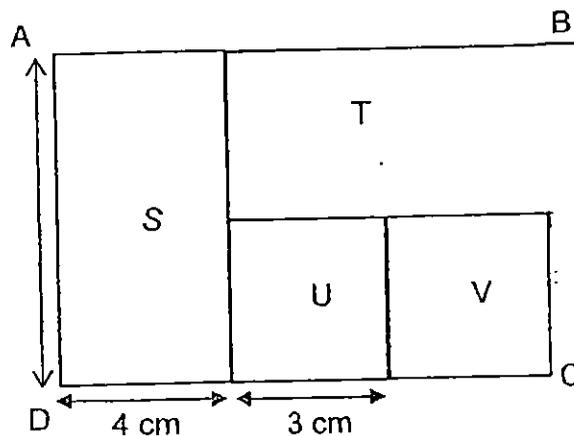
Ans : _____

34. In the figure below, PQRS is a square: Find the value of $\angle y$.



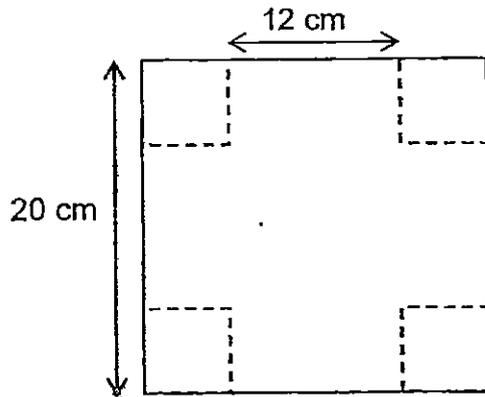
Ans: _____ °

35. The figure shown below is made up of 2 identical rectangles S,T and two identical squares U,V. The side of the square U is 3 cm and the breadth of the rectangle S is 4 cm. Find the length of AD.



Ans: _____ cm

36. The figure below is a big square of side 20 cm. Four small squares are cut out from the four corners of the big square. The length of the remaining side is 12 cm. Find the length of the side of the small square.



Ans : _____ cm

End of Booklet B

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2015 PRIMARY 4 MATHEMATICS BOOKLET C

Booklets A, B and C: 1 h 45 minutes

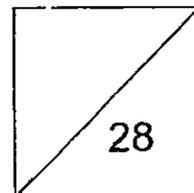
INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 12 May 2015



This booklet consists of 9 printed pages including this page.

Section C: (28marks)

Show your working clearly in the space provided for each question and write your answers in the space provided.

The number of marks available is shown in brackets [] at the end of each question or part-question.

37. Mr Sim had 2400 pears. 15 pears were rotten. He threw the rotten pears away and packed the remaining equally into 9 boxes. How many pears were there in each box?

Ans: _____ [3]

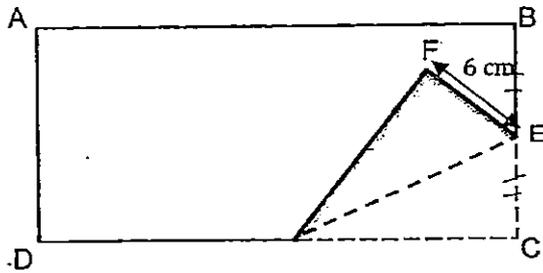
38. Mrs Lee had \$2175. She gave \$1200 to her husband and the rest to her 3 sons and a daughter. Her daughter received twice as much as each of her sons. How much did her daughter receive?

Ans: _____ [3]

39. Mrs Wong bought $\frac{4}{5}$ kg of fish at a stall. She bought $\frac{3}{10}$ kg of fish more than Mrs Gopal. How many kilograms of fish did both of them buy altogether? Give your answer as a mixed number in its simplest form.

Ans: _____ [3]

40. A piece of wire of length 70 cm is folded into the shape of a rectangle ABCD. It is then folded at a corner as shown below. $BE = EC$, $EF = 6$. What is the length of AB?



Ans : _____ [3]

41. There were 3 times as many boys as girls in the school hall at first. After 12 boys left and 8 girls entered hall, there were 4 more boys than girls remaining in the hall. What was the number of boys in the hall at first?

Ans _____ [4]

42. Ms Tan has some marbles in a bag. The number of marbles is less than 50. If she gives 8 marbles to each pupil, she will have none left. If she gives 9 marbles to each pupil, she will need 4 more marbles.
- (a) How many marbles are there in the bag?
 - (b) How many pupils does Ms Tan have?

Ans: (a) _____ [2]

Ans: (b) _____ [2]

43. Siti had 3 m of cloth. She used $\frac{3}{4}$ m of the cloth to make a bag and $\frac{7}{12}$ m of the cloth to make a pillow.

- (a) How much cloth did she use to make the bag and pillow?
(Give your answer in its simplest form)
- (b) What was the length of the cloth that Siti had left?

Ans: (a) _____ [2]

(b) _____ [2]

44. Mr Ahmad had 234 apples. He sold $\frac{5}{9}$ of them and the rest were shared equally among his 4 friends.

(a) What fraction of the apples did his friends receive?

(b) How many apples did each friend get?

Ans: (a) _____ [1]

(b) _____ [3]

End of Booklet C

LEVEL : PRIMARY 4
SCHOOL : METHODIST GIRLS SCHOOL
SUBJECT : MATHEMATICS
TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	3	2	4	4	2	3	4	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18		
2	3	4	4	3	3	2	1		

Q19. Ninety – six thousand and forty – one

Q20. 87612

Q21. 56

Q22. 1, 2, 3, 6, 9, 18

Q23. 125

Q24a. east

Q24b. North East

Q25. 19

Q26. 9

Q27. $\frac{4}{19}$

Q28. $\frac{7}{24}$ total 48, Red 18, Yellow 16, Orange 14, $\frac{14}{48} \div 2 = \frac{7}{24}$

Q29. $\frac{1}{8}$

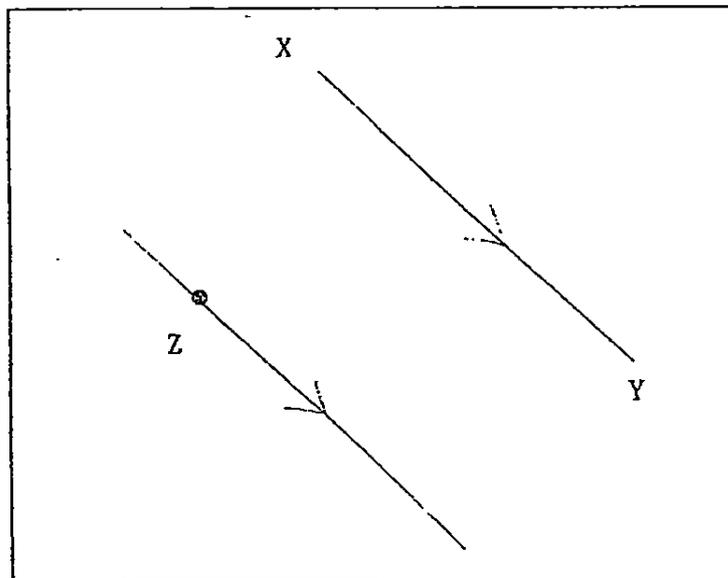
Q30. $\angle d, \angle c$

Q31. $UT \perp TR$

Q32. SEE PICTURE

Q33. 124°

Q34. $28^\circ 45 + 17 = 62, 90 - 62 = 17$



Q35. 7cm

Q36. 4cm 2 squares 8cm, 1 square 4cm

Q37. $265\ 2400 - 15 = 2385, 2385 \div 9 = 265$

Q38. $\$390\ 2175 - 1200 = 975, 975 \div 5u = 195, 195 \times 2u = 390$

$$Q39. 1\frac{3}{10}$$

$$\frac{4}{5} \times 2 = \frac{8}{5}$$

$$\frac{8}{10} - \frac{3}{10} = \frac{5}{10} \text{ (Mrs Gopal)}$$

$$\frac{5}{10} + \frac{8}{10} = \frac{13}{10}$$

$$\frac{13}{10} = 1\frac{3}{10}$$

$$Q40. 23\text{cm } 12 \times 2 = 24, 70 - 24 = 36, 46 \div 2 = 23$$

$$Q41. 36 \text{ boys } 12 + 4 = 16, 16 + 8 = 24, 24 \div 2 = 12, 12 \times 3 = 36$$

$$Q42a. 32$$

$$Q42b. 4$$

$$Q43a. \frac{4}{3}m - \frac{3}{4} \times 3 = \frac{9}{12}, \frac{9}{12} + \frac{7}{12} = \frac{16}{12}, \frac{16}{12} = \frac{4}{3}$$

$$Q43b. 1\frac{2}{3}m - 2\frac{12}{12} - \frac{16}{12} = 2\frac{12}{12} - 1\frac{4}{12} = 1\frac{8}{12} = 1\frac{2}{3}$$

$$Q44a. \frac{4}{9} - \frac{9}{9} - \frac{5}{9} = \frac{4}{9}$$

$$Q44b. 26 \text{ apples } 234 \div 9 = 26$$

THE END



**NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1 – 2015
PRIMARY 4**

MATHEMATICS

Section A: 20 Multiple Choice Questions (40 marks)

Section B: 20 Questions (40 marks)

Section C: 5 Questions (20 marks)

Total Time: 1 hour 45 minutes

INSTRUCTION TO CANDIDATES

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions and show your workings clearly.
5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1 – 20.

Marks Obtained

Section A		/ 40
Section B		/ 40
Section C		/ 20
Total		/ 100

Name : _____ ()

Class : _____

Date : 8 May 2015

Parent's Signature : _____

Section A (20x2marks)

Questions 1 to 20 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade the correct oval on the OAS (40marks).

1. 9806 is the same as _____

(1) $98 + 6$

(2) $900 + 80 + 6$

(3) $9000 + 80 + 6$

(4) $9000 + 800 + 6$

()

2. Which of the following is a multiple of 4?

(1) 34

(2) 54

(3) 76

(4) 86

()

3. When a number is divided by 8, the quotient is 184. What is the number?

(1) 23

(2) 176

(3) 192

(4) 1472

()

4. What is the product of 678 and 14?

(1) 2390

(2) 3390

(3) 8492

(4) 9492

()

5. Which one of the following numbers is 15 010 when rounded off to the nearest ten?

(1) 15 106

(2) 15 016

(3) 15 014

(4) 15 004

()

6. 8 similar packets of sugar have a mass of 2448g. What is the mass of 5 such packets of sugar?

(1) 306 g

(2) 1530 g

(3) 7344 g

(4) 12240 g

()

7. Which of the following fractions is nearest to 1?

(1) $\frac{2}{5}$

(2) $\frac{4}{7}$

(3) $\frac{5}{8}$

(4) $\frac{7}{10}$

()

8. 7 children shared 8 cakes equally. What fraction of the cake did each child get?

(1) $\frac{1}{8}$

(2) $\frac{7}{8}$

(3) $1\frac{1}{7}$

(4) $1\frac{1}{8}$

()

9. Jessie gave $\frac{3}{5}$ of her stamps to Woody and had 42 stamps left. How many stamps did she give Woody?

(1) 8

(2) 40

(3) 63

(4) 120

()

10. Amy, Betty and Cathy bought some cookies. Amy bought $\frac{1}{3}$ kg of the cookies.

Betty bought $\frac{5}{6}$ kg of the cookies and Cathy bought 1 kg of cookies. How much cookies did Amy, Betty and Cathy buy altogether?

(1) $1\frac{1}{6}$ kg

(2) $1\frac{2}{3}$ kg

(3) $2\frac{1}{6}$ kg

(4) $2\frac{1}{2}$ kg

()

11. How many **quarters** are there in $4\frac{1}{2}$?

- (1) 9
- (2) 17
- (3) 18
- (4) 36

()

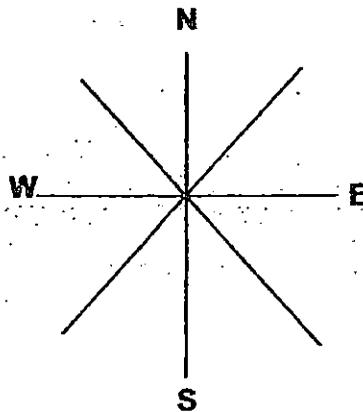
12. A group of children went for an excursion. $\frac{4}{7}$ of them were girls. There were 24 girls. How many children went for the excursion?

- (1) 6
- (2) 18
- (3) 42
- (4) 96

()

13. Stephen is standing in the middle of the 8-point compass facing North-east.

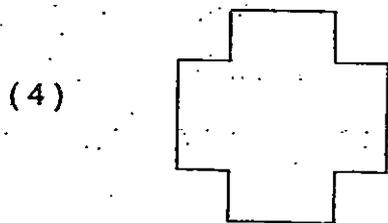
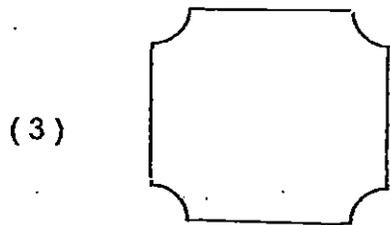
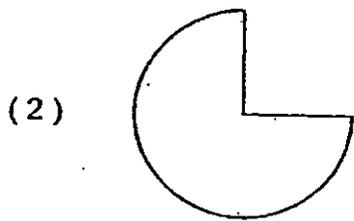
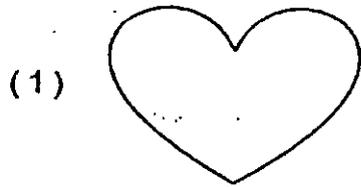
Where will he be facing if he makes a 135° anti-clockwise turn?



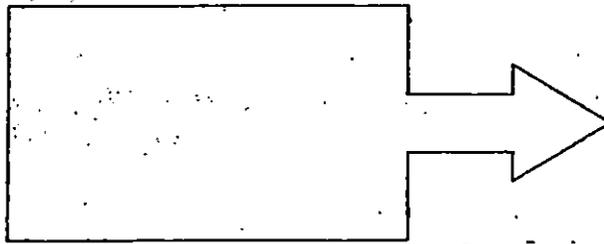
- (1) North-west
- (2) West
- (3) South-east
- (4) South

()

14. Which of the following shapes below contains both parallel and perpendicular lines?



15. How many angles inside this figure are right angles?



(1) 11

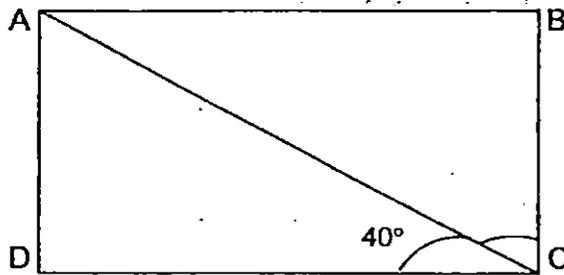
(2) 8

(3) 7

(4) 4

()

16. The figure ABCD is a rectangle. What is $\angle ACB$ if $\angle ACD$ is 40° ?



(1) 40°

(2) 50°

(3) 60°

(4) 90°

()

17. The length of a rectangle is 10 cm. Its breadth is half of its length. What is the area of the rectangle?

(1) 30 cm^2

(2) 50 cm^2

(3) 60 cm^2

(4) 200 cm^2

()

18. A rectangle is 15 cm long and 12 cm wide. $\frac{3}{4}$ of the rectangle is shaded green and the rest is shaded blue. What is the area of the rectangle that is shaded blue?

(1) 45 cm^2

(2) 54 cm^2

(3) 135 cm^2

(4) 180 cm^2

()

19. A square of side 8 m has the same area as a rectangle. If the breadth of the rectangle is 4 m, what is its length?

(1) 8 m

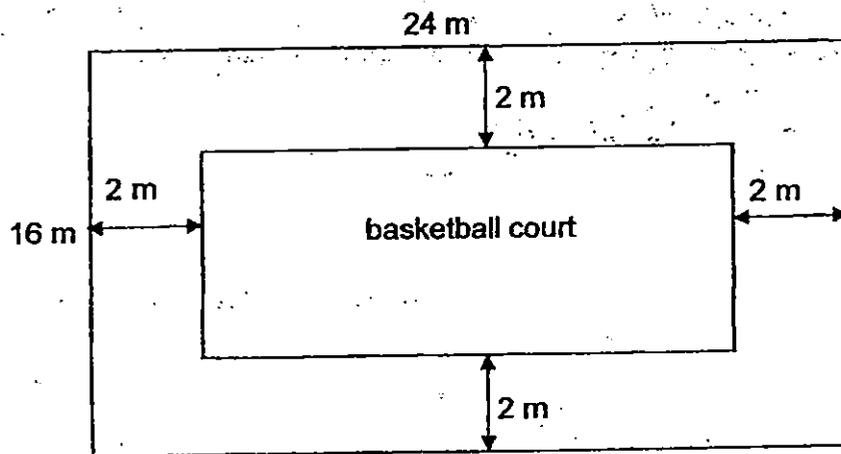
(2) 12 m

(3) 16 m

(4) 32 m

()

20. The basketball court has a 2 m path surrounding it. What is the area of the path?



- (1) 80 m^2
- (2) 144 m^2
- (3) 240 m^2
- (4) 384 m^2

()

Section B (20 x 2marks)

Questions 21 to 40 carry 2 marks each. Write your answers in the spaces provided. Show your workings clearly and write the answers in the units provided.

21. Write 72 048 in words.

Answer: _____

22. Form the largest 4-digit even number with these digits 1, 3, 4 and 6.

Answer: _____

23. Peter added 100 to a number. He then divided the results by 4. His answer was 240. Find the number.

Answer: _____

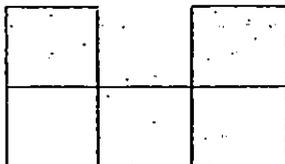
24. Ken has 105 oranges. He packs them into paper bags. Each paper bag can hold a maximum of 8 oranges. What is the minimum number of such bags needed to pack all the oranges?

Answer: _____ paper bags

25. What is the sum of all the common factors of 12 and 18?

Answer: _____

26. The figure below, which is not drawn to scale, is made up of 5 identical squares. The perimeter of the figure is 36 cm. What is the length of each side of the square?



Answer: _____ cm

27. The area of a square is 64 m^2 . What is its perimeter?

Answer: _____ m

28. There were 1672 people at the community carnival. $\frac{5}{8}$ of them were children and the rest were adults. How many more children than adults were there at the carnival?

Answer: _____

29, Sharon bought 5 kg of flour. She used $\frac{1}{6}$ kg of the flour on Monday and $\frac{1}{3}$ kg of the flour on Tuesday. How much flour did she have left? Express your answer as a mixed number.

Answer: _____ kg

30. $\frac{3}{5}$ of a number is 75, what is the number?

Answer: _____

31. Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{2}, \frac{3}{10}, \frac{2}{5}$$

Answer: _____ , _____ , _____
greatest smallest

32. In a car park, there are 35 cars and motorcycles. If there are 120 wheels altogether, how many motorcycles are there?

Answer: _____ motorcycles

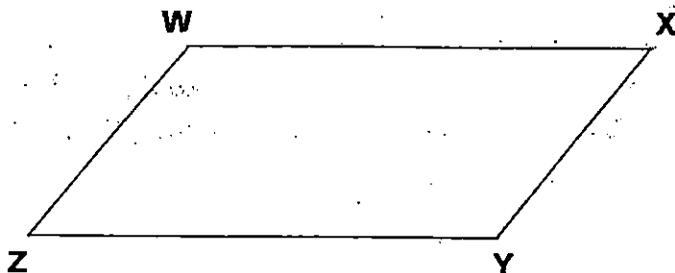
33. Benny has 36 game cards. He has 4 times as many game cards as Ariel. Charlie has 5 game cards fewer than Benny. How many game cards do they have altogether?

Answer: _____ game cards

34. Mrs Tan bought some postcards for her friends. If she gave each of them 3 postcards, she would have 2 postcards left. If she gave each of them 4 postcards, she would be short of 2 postcards. How many postcards did she buy?

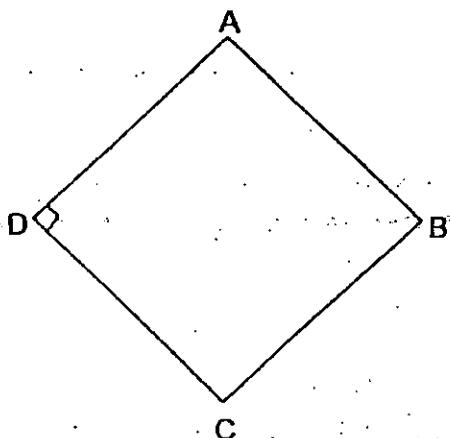
Answer: _____ postcards

35. How many pairs of parallel lines are there in the figure WXYZ?



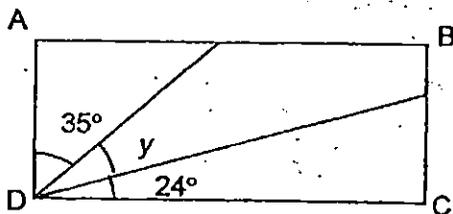
Answer: _____ pairs

36. Line _____ is perpendicular to Line AD.



Answer: Line _____

37. ABCD is a rectangle. Find the value of $\angle y$.
(The figure is not drawn to scale.)

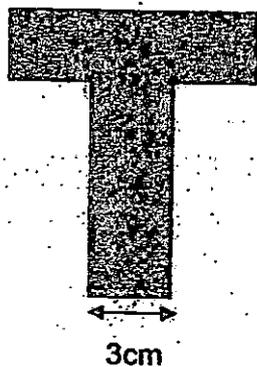


Answer: _____

38. Mr. Smith planted 10 trees in a row for his garden. The distance between each tree and the next was equal for all the trees. The distance between the first tree and the fifth tree was 20m. What was the distance between the 1st tree and the 8th tree?

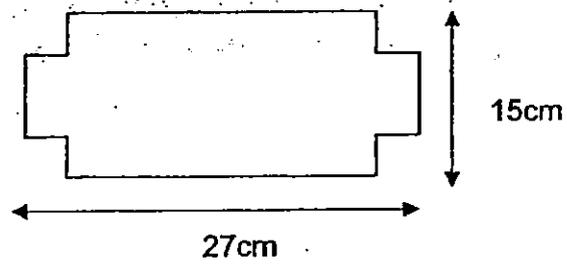
Answer: _____m

39. The shaded figure is drawn on a 3-cm grid. Find the area of the shaded figure.



Answer: _____cm²

40. A square of 1cm is cut from each corner of a rectangle 27 cm by 15 cm.



What is the perimeter of the figure?

Answer: _____ cm

Section C (20 marks)

Do the following sums carefully. All statements, workings and units must be clearly shown.

41. Mr Lim won \$4816 in a lucky draw.
He wanted to give all the money to his wife and four children.
If his wife received 3 times as much money as each child, how much money did his wife receive?

Answer: _____ [4]

42. The total cost of a school bag and 5 plastic files is \$120. The school bag costs thrice as much as a plastic file. Find the cost of the school bag.

Answer: _____ [4]

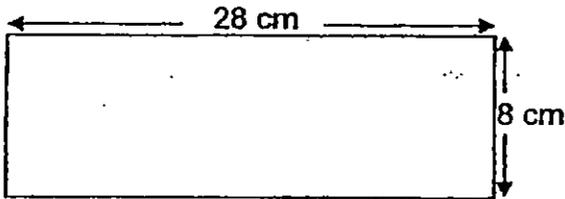
43. A rectangular piece of paper, not drawn to scale, is shown below.

a) What is its area?

Squares

b) Ray needs to cut small rectangles that measure 2-cm by 2-cm from a rectangular piece of paper as shown below. What is the maximum number of such small rectangles can he cut?

Squares



Answer: (a) _____ [1]

(b) _____ [3]

44. Jeremy had $\frac{1}{6}$ as many stamps as Tom. Tom had twice as many stamps as David.

If Jeremy had 300 stamps fewer than David,

(a) How many stamps did Jeremy have?

(b) How many stamps did they have altogether?

Answer: (a) _____ [2]

(b) _____ [2]

45. James ran on Monday, Tuesday, Wednesday and Thursday. Each day, he ran 150 m more than the day before. He ran a total of 4100m for four days. How far did he run on the first day?

Answer: _____ [4]

End of paper
20

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : NAN HUA PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	4	4	3	2	4	3	3	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	3	2	4	4	2	2	1	3	2

Q21. Seventy - two thousand and forty - eight.

Q22. 6314 Q23. 860 Q24. 14 Q25. $12 \times 1 + 2 + 3 + 6 = 12$

Q26. $36 \div 12 = 3$ Q27. $32 \times 8 = 256, 8 \times 4 = 32$

Q28. $1672 \div 8 = 209, 8 - 5 = 3, 5 - 3 = 2, 209 \times 2 = 418$

Q29. $4\frac{1}{2} \rightarrow 5 - \frac{1}{6} = 4\frac{6}{6} - \frac{1}{6} = 4\frac{5}{6}$

Q30. $125 \rightarrow 3 \times 75, 1 \times 75 \div 3 = 25, 5 \times 25 = 125$

Q31. $\frac{1}{2}$ (greatest), $\frac{2}{5}, \frac{3}{10}$ (smallest)

Q32. 10 motorcycles

Assume all are motorcycles

$35 \times 2 = 70, 120 - 70 = 50$ (Total difference)

$4 - 2 = 2$ (Ind difference)

$50 \div 2 = 25$ (cars), $35 - 25 = 10$ (motorcycles)

Q33. 76 game cards

A $\rightarrow 36 \div 4 = 9, C \rightarrow 36 - 5 = 31. Total \rightarrow 36 + 31 + 9 = 76$

Q34. 14

No. of friends	1	2	3	4
Multiple of 3 (+2)	5	8	11	14
Multiple of 4 (-2)	2	6	10	14

Q35. 2 pairs

Q36. DC

Q37. 31°C

Q38. $35 \times 5 = 175$

Q39. 54cm^2 A $9 \times 3 = 27, b \ 9 \times 3 = 27, Total \ 27 + 27 = 54$

Q40. $84 \text{cm} \rightarrow Perimeter \rightarrow 27 \text{cm} + 27 \text{cm} + 15 \text{cm} + 15 \text{cm} = 84 \text{cm}$

Q41. $\$2064 \rightarrow 7 \times 4816, 1 \times 4816 \div 7 = 688, 3 \times 688 \times 3 = 2064$

Q42. $\$45 \rightarrow 8 \times 120, 1 \times 120 \div 8 = 15, 3 \times 15 \times 3 = 45$

Q43a. $224\text{cm}^2 \rightarrow 28\text{cm} \times 8\text{cm} = 224$

Q43b. $56 \rightarrow 2 \times 2 = 4, 224 \div 4 = 56$

Q44a. $150 \rightarrow 2\text{u } 300, 1\text{u } 300 \div 2 = 150$

Q44b. $1500 \rightarrow 10\text{u } 150 \times 10 = 1500$

Q45. $800\text{m} \rightarrow 4\text{u} \rightarrow 4100 - 900 = 3200, 1\text{u} \rightarrow 3200 \div 4 = 800$



NANYANG PRIMARY SCHOOL
FIRST SEMESTRAL EXAMINATION
2015

PRIMARY 4
MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

Section A	/ 30
Section B	/ 40
Section C	/ 30

Total:	/ 100
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Name: _____ ()

Class: Primary 4 ()

Date: 11 May 2015

Any query on marks awarded should be raised by 21 May 2015. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

Parent's Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.

Section A

Questions 1 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 30 marks)

1. Which one of the following numbers when rounded off to the nearest hundred is 38 500?

- | | |
|-----------|-----------|
| 1) 38 448 | 2) 38 523 |
| 3) 38 551 | 4) 38 627 |

2. Which one of the following numbers is not a factor of 72?

- | | |
|------|------|
| 1) 7 | 2) 6 |
| 3) 3 | 4) 4 |

3. Which one of the following pairs is the common factors of 24 and 42?

- | | |
|-------------|-------------|
| (1) 1 and 6 | (2) 2 and 5 |
| (3) 3 and 8 | (4) 4 and 6 |

4. What is the quotient of $3256 \div 8$?

- | | |
|---------|---------|
| (1) 47 | (2) 400 |
| (3) 407 | (4) 470 |

5. Mrs Sumi has 68 roses. The greatest number of roses she can put in each vase is 6. What is the smallest number of vases needed to put in all the roses?

(1) 10

(2) 11

(3) 12

(4) 17

6. Express $\frac{62}{5}$ as a mixed number in its simplest form.

(1) $2\frac{2}{5}$

(2) $5\frac{2}{12}$

(3) $12\frac{2}{5}$

(4) $60\frac{2}{5}$

7. Find the sum of $\frac{1}{8}$ and $\frac{5}{8}$.

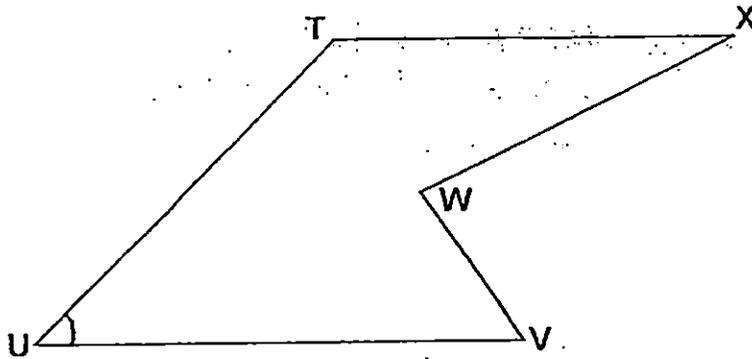
(1) $\frac{3}{4}$

(2) $\frac{1}{2}$

(3) $\frac{3}{8}$

(4) $\frac{5}{16}$

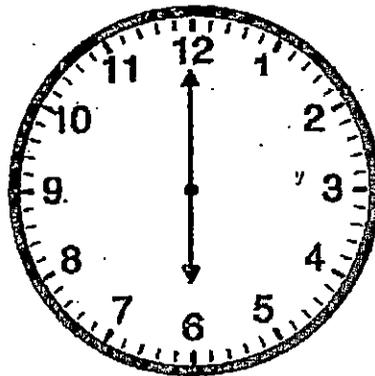
8.



In the figure above, which angle gives a measurement of about 45° ?

- (1) $\angle TXW$ (2) $\angle UVW$
(3) $\angle UTX$ (4) $\angle VUT$

9. Amy starts her piano class at 6 o'clock in the evening as shown in the diagram below. She ends her lesson at 7 o'clock on the same evening. How many right angles will the minute hand make at the end of the lesson?

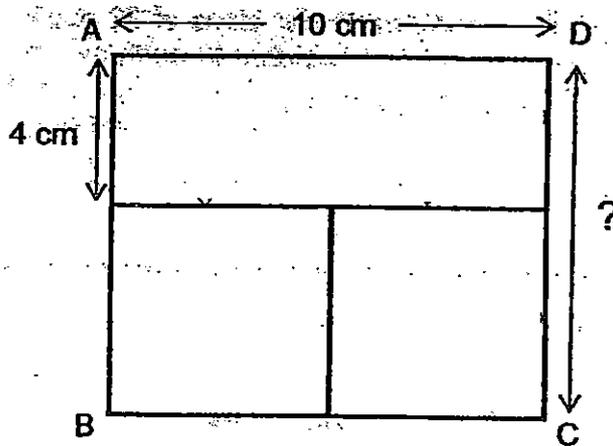


- (1) 1 (2) 2
(3) 3 (4) 4

10. Which one of the following is a multiple of $63 \div 9$?

- 1) 126 2) 207
3) 368 4) 639

11. Rectangle ABCD is made up of a rectangle and 2 identical squares as shown in the diagram below. Find the length of CD.



- (1) 6 cm (2) 8 cm
(3) 9 cm (4) 10 cm

12. Ailing had $2\frac{1}{6}$ m of cloth. She used $1\frac{2}{3}$ m of it to sew a dress. How many metres of the cloth had she left?

- (1) $\frac{1}{2}$ (2) $\frac{5}{6}$
(3) $1\frac{1}{2}$ (4) $3\frac{5}{6}$

13. The capacity of a mug is $\frac{2}{5}$ l. What is the total capacity of 70 such mugs?

(1) 7 l

(2) 14 l

(3) 28 l

(4) 42 l

14. Mrs Tan gave some chocolates to her class of 32 pupils. She gave 5 chocolates to each boy and 6 chocolates to each girl and did not have any chocolates left. There were thrice as many boys as girls in the class. How many chocolates were given out to the boys?

(1) 40

(2) 48

(3) 120

(4) 160

15. Study the number pattern below. What is the missing number in the box?

124 , 248 , 254 , ? , 514 , 1028 , 1034 , 2068 , 2074

(1) 257

(2) 260

(3) 502

(4) 508

Section B

Questions 16 to 35 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(Total: 40 marks)

16. What is the value of the digit 9 in the number 79 083?

Ans : _____

17. Write the following in numerals.

40 thousands 11 hundreds 17 ones

Ans : _____

18. List all the factors of 28.

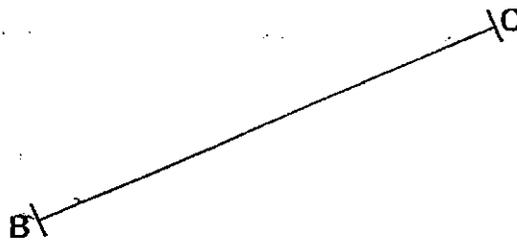
Ans: _____

19. Estimate the value of 2944×12 by first rounding off each of the number to the nearest ten.

20. There were 16 people at a party. There were 8 adults and 4 boys. The rest were girls. What fraction of the people at the party were girls? Leave your answer in its simplest form.

Ans : _____

21. Using the line BC given below, draw an angle such that $\angle ABC$ is 135° . Mark and label the angle.



22. Pirah studied the population size of 4 countries, A, B, C and D. He found out that:

- Country A's population was twice that of country B.
- Country C's population was 1000 more than that of country A.
- Country D's population was half that of country B.

Arrange the countries in terms of their populations in ascending order.

Ans : Country _____, Country _____, Country _____, Country _____

23. There are 40 guests queueing to enter a party. Every 4th guest in the queue receives a balloon and every 6th guest in the queue receives a mask. How many guests receive both a balloon and a mask?

Ans : _____

24. What is the missing number in the box?

$$11\frac{5}{9} = \boxed{?} + 9\frac{2}{9}$$

Ans : _____

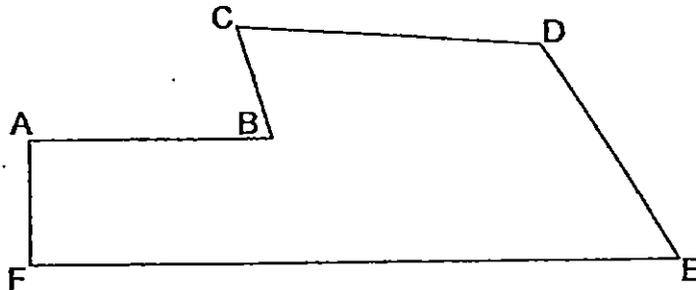
25. String A is $1\frac{3}{4}$ m long. String B is $\frac{3}{8}$ m longer than String A. What is the total length of String A and String B? Express your answer as a mixed number in its simplest form.

Ans : _____ m

26. There were some buttons in a box. $\frac{1}{3}$ of them were white, $\frac{1}{6}$ of them were red and the rest were blue. There were 48 more blue buttons than red buttons. How many red buttons were there in the box?

Ans : _____

27. The figure below is not drawn to scale. Name an angle in the figure that is bigger than 90° but smaller than 180° .

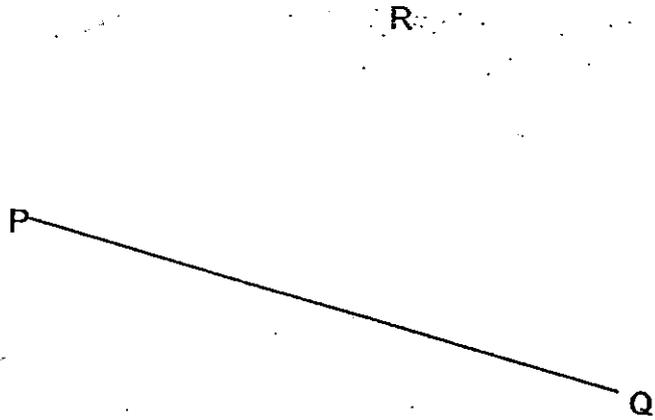


Ans : \angle _____

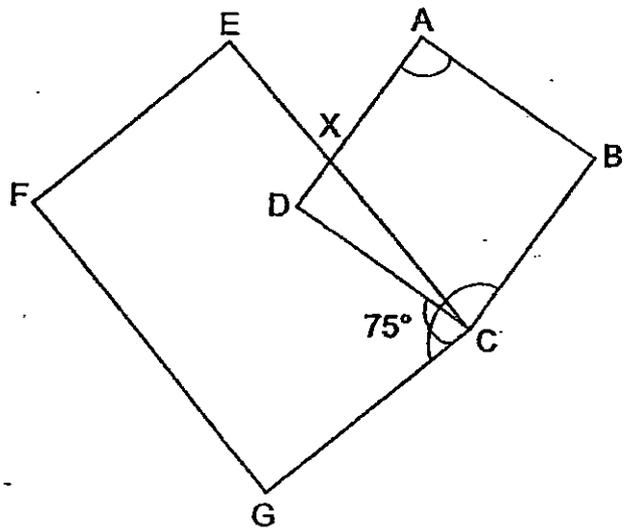
28. Terry is $\frac{6}{5}$ times as tall as Teresa. Teresa is 145 cm tall. How tall is Terry?

Ans : _____ cm

29. In the figure below, draw a line RS such that RS is perpendicular to PQ and $RS = 6$ cm.



30. The figure below is made up of a square ABCD and a rectangle CEFG. $\angle DCG$ is 75° . Find the sum of $\angle BCG$ and $\angle BAD$.



Ans : _____^o

31. Sock Hoon had about \$280. She spent \$79. What was the smallest possible amount of money she had left?

Ans : \$ _____

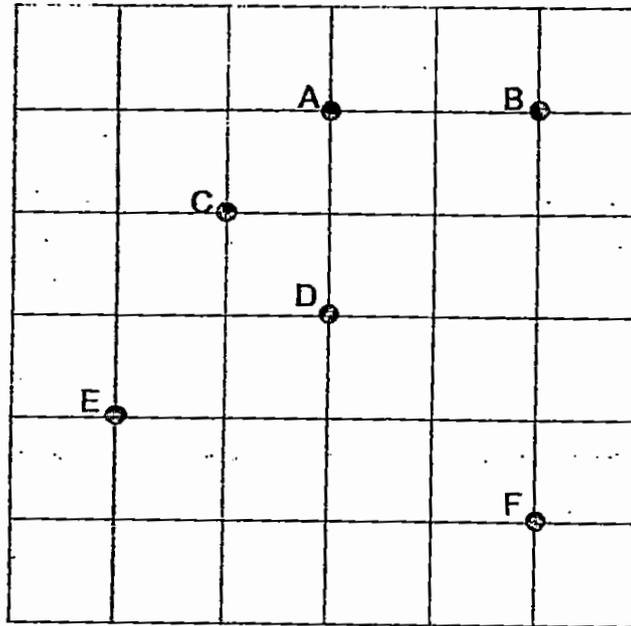
32. Keychains are sold only in boxes of 12. Each box costs \$9. Liming has \$2219. What is the greatest number of keychains that Liming can buy?

Ans : _____

33. The number of guppies was $\frac{2}{3}$ of the number of angelfish in a fish tank. There were 30 fishes altogether. How many guppies were there in the fish tank?

Ans : _____

34. Refer to the square grid below. Peiling was standing at one of the points, facing point B. After making a $\frac{3}{4}$ -turn anticlockwise, she was facing point F. At which point was she standing?



Ans : _____

35. Edith has more than 10 but less than 30 chocolates. If she puts them equally into bags of 7, she would be short of 3 chocolates. If she puts them equally into bags of 3, she would have 1 extra chocolate. How many chocolates does Edith have?

Ans : _____

Section C

Questions 36 to 37 carry 3 marks each and questions 38 to 43 carry 4 marks each. Do these word problems carefully. Show your working clearly in the space provided for each question and write your answers in the spaces provided.

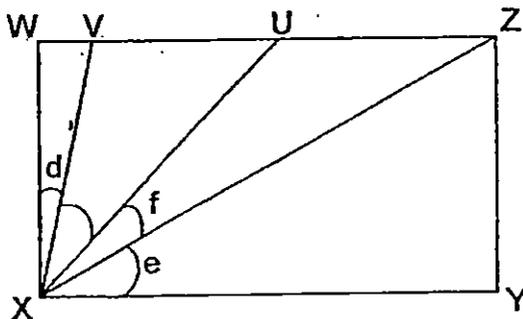
(Total: 30 marks)

36. Mrs Lim gave some of her money to her 2 daughters. Jane received $\frac{3}{8}$ of the money. Kim received $\frac{1}{4}$ of the money. Mrs Lim had \$60 left in the end. How much more money did Jane receive than Kim?

Ans : _____ [3]

37. The figure below is not drawn to scale. WXYZ is a rectangle. $\angle d$ is 10° and $\angle e$ is 30° . $\angle f$ is $\frac{1}{2}$ of the sum of $\angle d$ and $\angle e$.

Find $\angle VXU$.



Ans: _____ [3]

38. A group of friends went for lunch together. After lunch, half of them went home. Among those who remained, 7 of them went shopping together while the rest went for a movie. For those who went for the movie, 4 of them went home after the movie and the remaining 5 of them decided to go for dinner. How many friends went for lunch together?

Ans: _____ [4]

39. Mrs Hwee bought 2 air-fryers, 1 toaster and 1 electric kettle for \$729 during the Great Singapore Sale. Each air-fryer cost \$20 more than the toaster. Each electric kettle cost half as much as an air-fryer. How much did the toaster cost?

Ans: _____ [4]

40. Jack had \$280 and Carl had \$120 at first. Each of them bought an identical belt and an identical shirt from the same shop. The shirt cost 3 times as much as the belt. In the end, Jack had 3 times as much money as Carl. What was the cost of the belt?

Ans: _____ [4]

41. Mrs Loke made some tarts. She sold $\frac{1}{3}$ of them in the morning, $\frac{2}{9}$ of them in the afternoon and another 220 of them in the evening. There were 100 tarts left in the end. How many tarts did she make in all?

Ans: _____ [4]

42. Debbie spent \$180 on a gown and $\frac{2}{3}$ as much on a bag. She bought a pair of shoes that cost $\frac{4}{5}$ as much as the bag. How much less did she spend on the pair of shoes than on the bag?

Ans: _____ [4]

43. Yusri had 8 more blue pens than green pens at first. His mother then gave him 14 blue pens and his classmates gave him 60 green pens for Christmas. Yusri realised that he now had twice as many green pens as blue pens.

- (a) How many blue pens did Yusri have at first?
- (b) How many pens did Yusri have in the end?

Ans: (a) _____ [3]

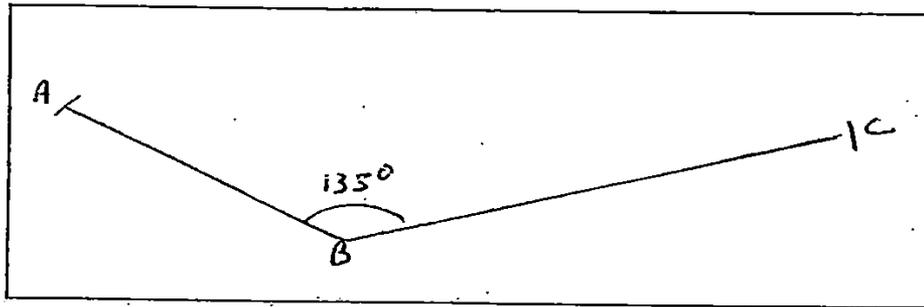
(b) _____ [1]

END OF PAPER

EXAM PAPER 2015
 LEVEL : PRIMARY 4
 SCHOOL : NANYANG PRIMARY SCHOOL
 SUBJECT : MATH
 TERM : SA1

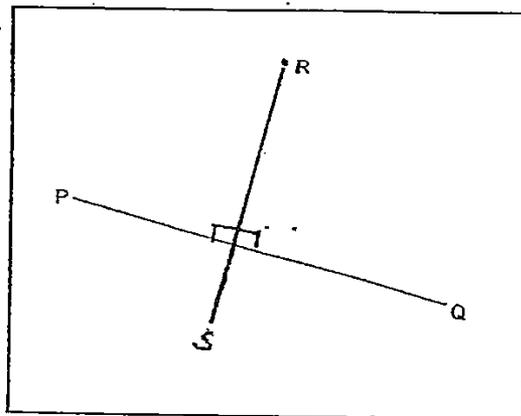
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	1	3	3	3	1	4	4	1
Q11	Q12	Q13	Q14	Q15					
3	1	3	3	4					

- Q16. 9000
 Q17. 41117
 Q18. 1,2,4,7,14,28
 Q19. 29400
 Q20. $\frac{1}{4}$
 Q21. SEE PICTURE



- Q22. Country D, Country B, Country A, Country C
 Q23. 3
 Q24. $7 \rightarrow 11\frac{5}{9} - 9\frac{2}{9} = 2\frac{3}{9} = 2\frac{1}{3} = 7$
 Q25. $3\frac{3}{8}m \rightarrow \text{String B} \rightarrow 1\frac{3}{4} + \frac{3}{8} = 1\frac{6}{8} + \frac{3}{8} = 1\frac{9}{8} = 3\frac{7}{8}$, total $\rightarrow 1\frac{6}{8} + 2\frac{1}{8} = 3\frac{7}{8}$
 Q26. $24 \rightarrow 2U \rightarrow 48, 1U \rightarrow 48 \div 2 = 24$
 Q27. $\angle CDE$
 Q28. $174cm \rightarrow 145 \times \frac{6}{5} = \frac{145 \times 6}{5} = \frac{870}{5} = 174cm$

Q29. SEE PICTURE



Q30. 255°

$\angle BAD \rightarrow 90^\circ, 90^\circ + 75^\circ = 165^\circ, 165^\circ + 90^\circ = 255^\circ$

Q31. $\$196. \rightarrow \$275 - 79 = \$196$

Q32. $2952 \rightarrow \$2219 \div \$9 = 246r5, 246 \times 12 = 2952$

Q33. $12. \rightarrow 5U \rightarrow 30, 1u \rightarrow 30 \div 5 = 6, 2U \rightarrow 6 \times 2 = 12$

Q34. D

Q35. 25.

Q36 $\$20 \rightarrow 3u \rightarrow \$60, 1U \rightarrow \$60 \div 3 = \$20, KIM \rightarrow \$20 \times 2 = \$40, JANE \rightarrow \$20 \times 4 = \$80,$

Difference $\rightarrow \$80 - \$40 = \$40$

Q37. $30^\circ \rightarrow 30^\circ + 10^\circ = 40^\circ, 40^\circ \div 2 = 20^\circ, 40^\circ + 20^\circ = 60^\circ, 90^\circ - 60^\circ = 30^\circ$

Q38. $32 \rightarrow 1U \rightarrow 7 + 4 + 5 = 16, 2U \rightarrow 16 \times 2 = 32$

Q39. $\$194 \rightarrow \$729 - \$20 - \$20 - \$10 = \$679, 7U \rightarrow \$679, 1U = 679 \div 7 = \$97, 2U \rightarrow 97 \times 2 = 194$

Q40. $\$10 \rightarrow \$280 - \$120 = \$160, 1U \rightarrow 160 \div 2 = 80, 120 - 80 = \$40, \$40 \div 4 = \10

Q41. 720 tarts. $\rightarrow 4U \rightarrow 320, 1U \rightarrow 320 \div 4 = 80, 9U \rightarrow 80 \times 9 = 720$

Q42. $\$24.$

BAG $\rightarrow \$180 \times \frac{2}{3} = \frac{2 \times \$180}{3} = \frac{\$360}{3} = \120

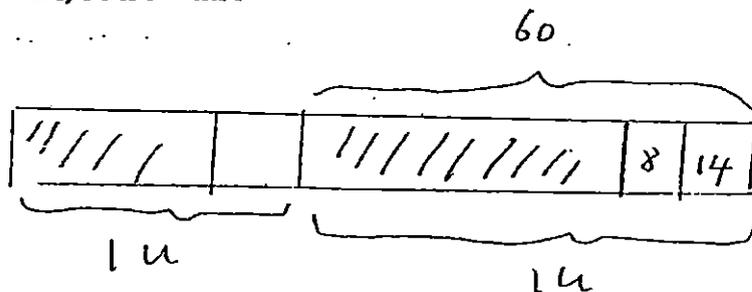
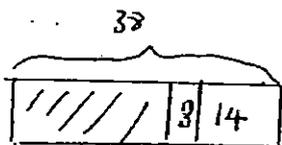
SHOES $\rightarrow \$120 \times \frac{4}{5} = \frac{\$120 \times 4}{5} = \$96$

Difference $\rightarrow \$120 - \$96 = \$24$

Q43a. 24

Q43b. 114

$1U \rightarrow 60 - 8 = 52 - 14 = 38, 38 - 14 = 24, 38 \times 3 = 114$



Booklet A

Name: _____ ()

Date: 6 May 2015

Class: Primary 4 ____

Time: 2 h

Math Teacher: _____

Questions 1 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (30 marks)

1. The value of the digit 9 in 39 671 is _____.

(1) 9000

(2) 900

(3) 90

(4) 9

2. Which of the following is a factor of 54?

(1) 7

(2) 6

(3) 5

(4) 4

3. Which of the following is a common factor of 18 and 48?

(1) 8

(2) 9

(3) 3

(4) 4

- (1) 225
- (2) 227
- (3) 2002
- (4) 2252

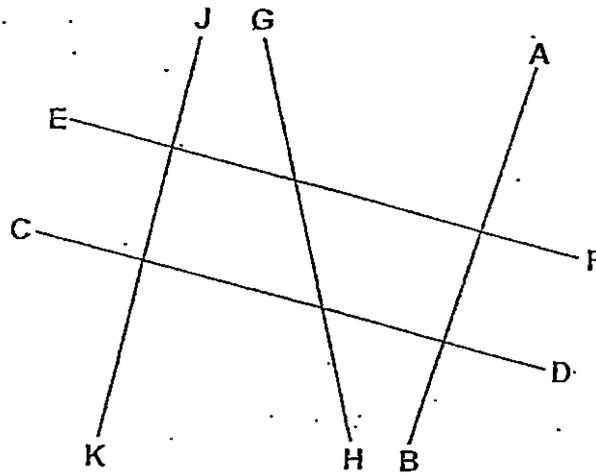
Express $\frac{37}{8}$ as a mixed number.

- (1) $8\frac{4}{5}$
- (2) $5\frac{4}{8}$
- (3) $4\frac{5}{8}$
- (4) $3\frac{7}{8}$

How many tenths are there in $3\frac{2}{5}$?

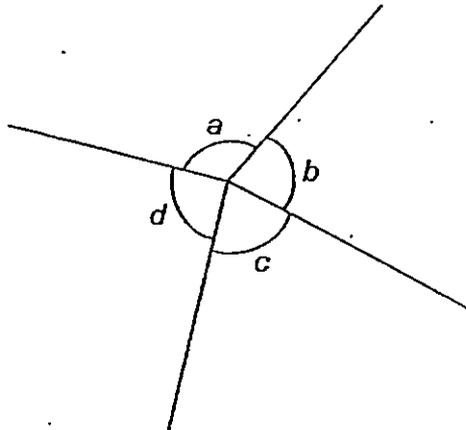
- (1) 10
- (2) 17
- (3) 32
- (4) 34

7. Which line is perpendicular to Line CD?



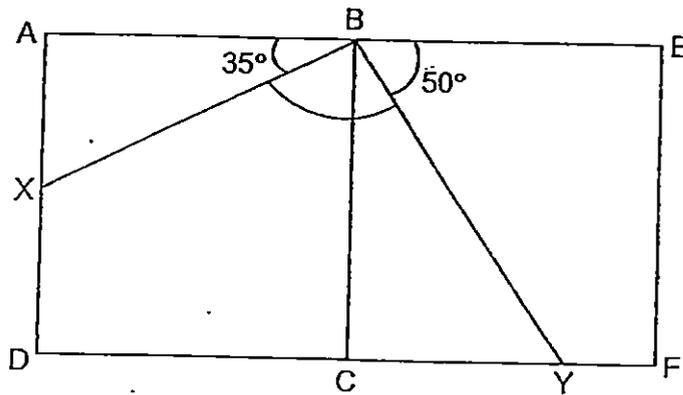
- (1) Line AB
- (2) Line EF
- (3) Line GH
- (4) Line JK

8. Which of the following angles is a right angle?



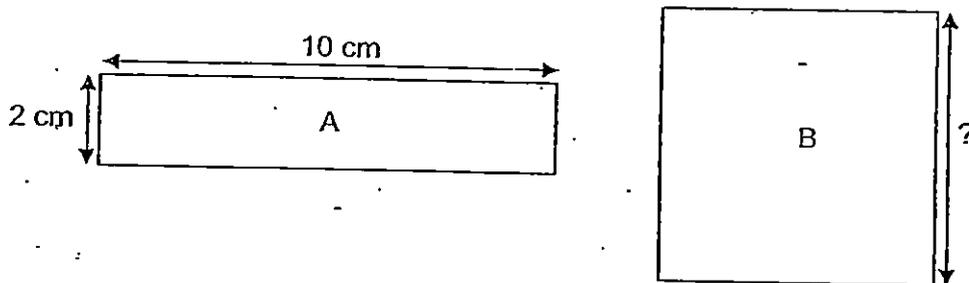
- (1) $\angle a$
- (2) $\angle b$
- (3) $\angle c$
- (4) $\angle d$

9. The figure below is made up of 2 squares. $\angle ABX = 35^\circ$ and $\angle EBY = 50^\circ$.



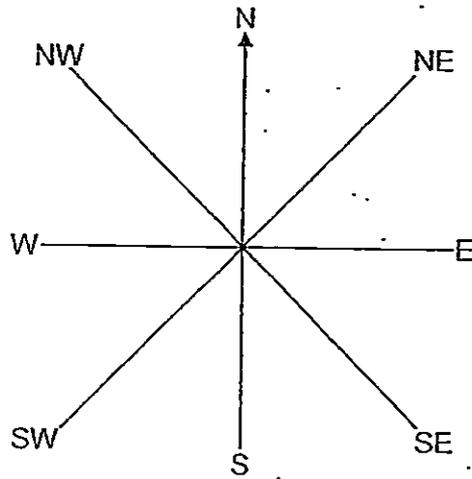
Find $\angle XBY$.

- (1) 95°
 - (2) 85°
 - (3) 55°
 - (4) 40°
10. Rectangle A and Square B have the same perimeter.



Find the length of one side of Square B.

- (1) 12 cm
- (2) 10 cm
- (3) 6 cm
- (4) 5 cm



Which direction does Devi face now?

- (1) South-east (SE)
 - (2) South-west (SW)
 - (3) North-west (NW)
 - (4) North-east (NE)
12. Jeremy watched a movie which lasted for 2 h 15 min. It ended at 3 p.m. What time did the movie start?
- (1) 12.15 p.m.
 - (2) 12.45 p.m.
 - (3) 1.15 p.m.
 - (4) 1.45 p.m.
13. Betty and Caili had an equal number of beads at first. Betty used $\frac{1}{2}$ of her beads and Caili used $\frac{1}{6}$ of her beads. They used 16 beads altogether. How many beads did Betty have in the end?
- (1) 20
 - (2) 12
 - (3) 8
 - (4) 4

14. A pail of capacity 6000 ml contains 950 ml of water.
5 full identical jugs of water are needed to fill the pail completely.
What is the capacity of one jug?

- (1) 1010 ml
- (2) 1039 ml
- (3) 1100 ml
- (4) 1390 ml

15. Dehua had \$40 more than John. After Dehua spent \$26, he had twice as much money as John. How much money did Dehua have left?

- (1) \$7
- (2) \$14
- (3) \$28
- (4) \$54

Pei Chun Public School
Semestral Assessment 1 – 2015
Mathematics
Primary 4

Booklet B

Name : _____ ()

Marks :

Class : Primary 4 ____

Date : 6 May 2015

Time : 2 h

Maths Teacher : _____

Parent's Signature : _____

Booklet A	30
Booklet B	70
TOTAL	100

Questions 16 to 30 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (30 marks)

Do not write
in this space

16. Write the following in figures.

- (a) Two thousand, nine hundred and fifteen
- (b) Forty-two thousand and sixty

Answer : (a) _____

(b) _____

17. The figure below is made up of unit squares. What fraction of the whole figure is shaded? Express your answer in the simplest form.



Answer : _____

18. In the space below, draw $\angle EFG = 55^\circ$. The line EF has been drawn for you. Mark and label the angle.

Do not write
in this space



19. Arrange the following fractions from the smallest to the greatest.

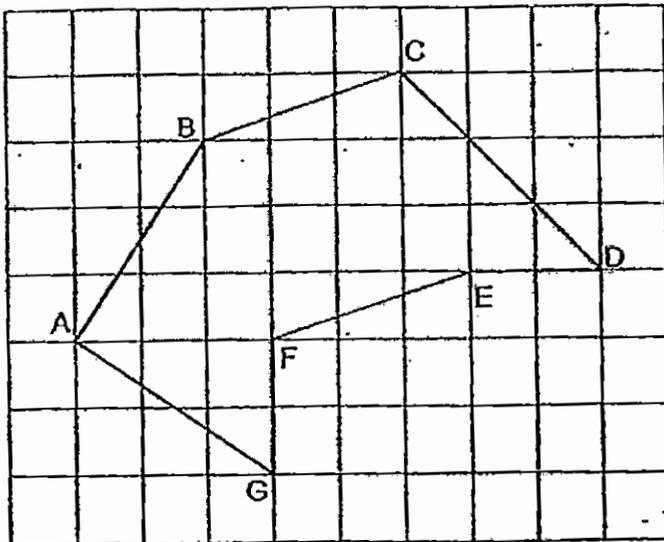
$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{2}{3}$$

Answer : _____
smallest

20. In the figure below,



- (a) Name a pair of parallel lines.
(b) Name a pair of perpendicular lines.

Answer : (a) _____ // _____

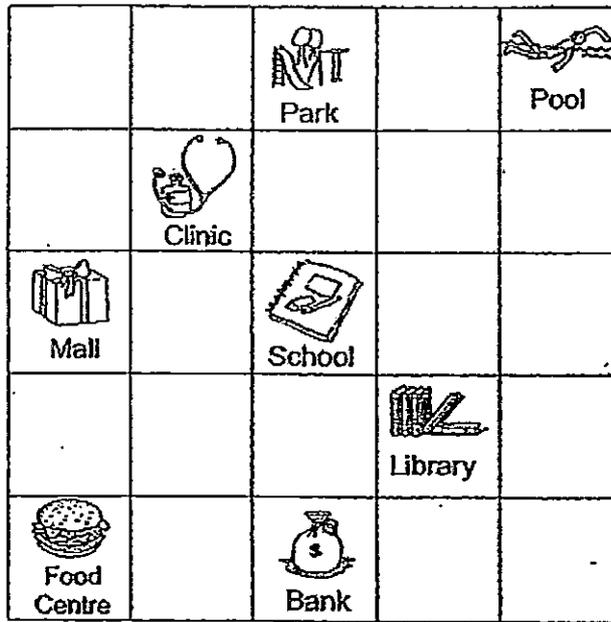
(b) _____ \perp _____

SCORE

21. Find the value of $5 - \frac{3}{10}$.
Express your answer as a mixed number.

Answer : _____

22. The square grid below shows some places in a neighbourhood.



- (a) In what direction is the Library from the Bank?
- (b) Michael was in the School facing South. He then turned 225° in a clockwise direction, Which place would Michael be facing then?

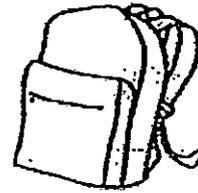
Answer : (a) _____

(b) _____

23. Nicholas bought a school bag and two pairs of socks. How much change will he receive if he gives the cashier \$50?



\$2.50
each pair



\$29.90

Do not write
in this space

Answer : \$ _____

24. The area of a square is 100 cm^2 . Find the perimeter of the square.

Answer : _____ cm

25. Mrs Joe bought 3 sardine buns, 5 tuna buns and 8 cheese buns. What fraction of the buns Mrs Joe bought were tuna buns?

Answer : _____

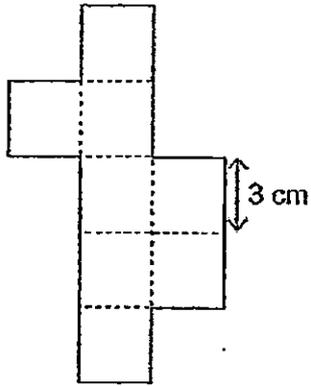
26. In a class of 35 pupils, $\frac{4}{7}$ of them wear spectacles. How many pupils in the class wear spectacles?

Answer : _____

SCORE

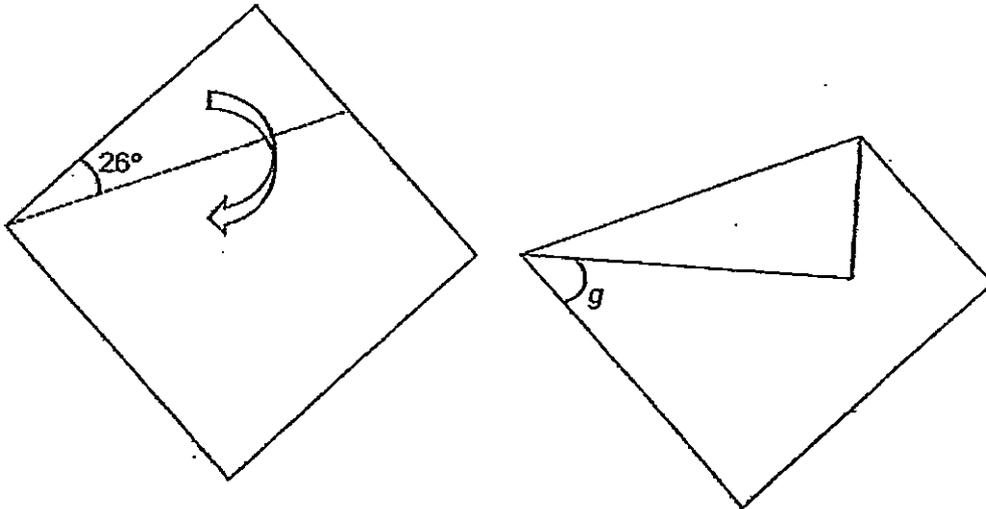
27. The figure below is formed by eight 3-cm squares. Find the perimeter of the figure.

Do not write
in this space



Answer : _____ cm

28. Pauline has a piece of square paper. She folded it along the dotted line as shown below. Find $\angle g$.



Answer : _____ °

29. A bottle is $\frac{5}{6}$ full when it is filled with 10 ℓ of water. How much water is there in the bottle when it is $\frac{1}{2}$ full?

Do not write
in this space

Answer : _____ ℓ

-
30. Mrs Lee visits the old folks home every 4 days and Mrs Salmi visits the old folks home every 5 days. If they meet each other at the old folks home on 5 June, when will be the next date they meet each other again at the old folks home?

Answer : _____

SCORE

For questions 31 to 40, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (40 marks)

Do not write
in this space

31. There are 4983 residents in Town A. There are three times as many residents in Town B as in Town A.

- (a) How many residents are there in Town B?
- (b) How many residents are there in both towns altogether?

Answer : (a) _____ [2]

(b) _____ [2]

Do not write
in this space

32. Mrs Phua used 2500 ml of lemon syrup and some water to make lemonade. She poured all the lemonade equally into 40 cups. Each cup contained 200 ml of lemonade.

- (a) How much lemonade, in ml, did she make?
- (b) How much water, in ml, did she use to make the lemonade?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

33. Ken has 48 marbles in a box. $\frac{1}{8}$ of the marbles are yellow, $\frac{1}{4}$ of them are blue and the remaining marbles are green.

Do not write
in this space

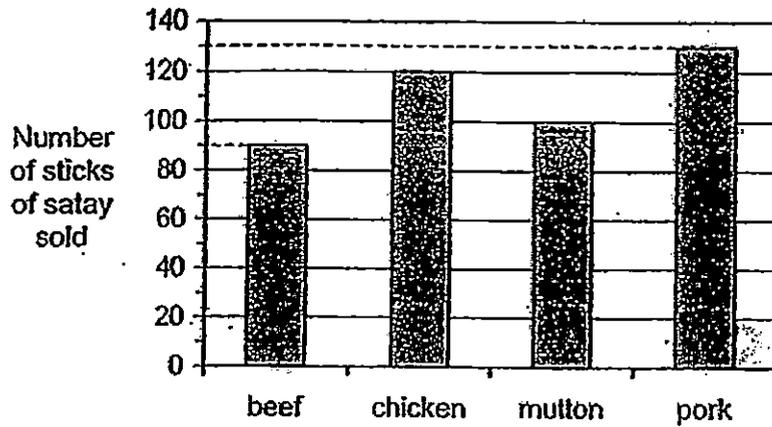
- (a) What fraction of the marbles are green?
- (b) How many blue marbles does Ken have in the box?

Answer : (a) _____ [2]

(b) _____ [2]

34. The bar graph below shows the number of sticks of satay Mr Muthu sold on Tuesday.

Do not write
in this space



- (a) What was the total number of sticks of satay Mr Muthu sold?
- (b) Mr Muthu sold each stick of beef satay at 70¢. How much money did he collect from the sale of the beef satay? Give your answer in dollars.

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

35. Wendy has \$107 more than Rina. Belinda has \$60 less than Wendy. The three girls have a total of \$415.

- (a) How much money does Rina have?
- (b) How much money does Belinda have?

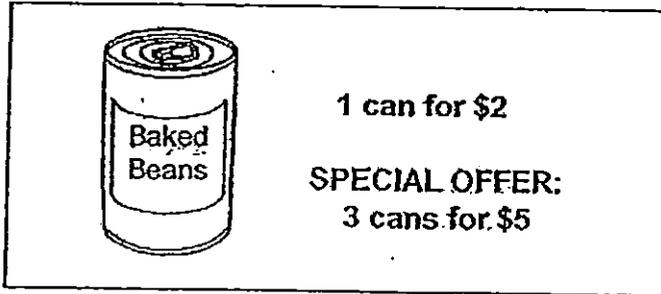
Do not write
in this space

Answer : (a) _____ [2]

(b) _____ [2]

36. A supermarket has a special offer on baked beans.

Do not write
in this space



Zachery has \$109. What is the greatest number of cans of baked beans he can buy?

Answer : _____ [4]

37. Mabel has 13 notes. There are only two-dollar notes and ten-dollar notes. The total amount of money is \$50. How many ten-dollar notes does Mabel have?

Do not write
in this space

Answer : _____ [4]

--

38. Taha and Devi baked 238 cupcakes altogether. After Taha sold $\frac{1}{5}$ of his cupcakes and Devi sold 31 of her cupcakes, they had the same number of cupcakes left. How many cupcakes did they have left?

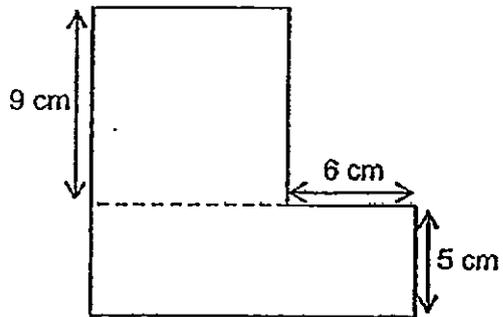
Do not write
in this space

Answer : _____ [4]

SCORE

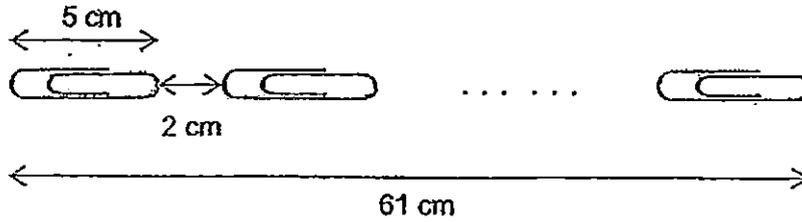
39. The figure below is made up of a square and a rectangle.
What is the area of the figure?

Do not write
in this space



Answer : _____ [4]

40. Osman placed a number of paper clips measuring 5 cm each on a straight line leaving a gap of 2 cm between each paper clip. The distance between the tip of the first paper clip and the end of the last paper clip was 61 cm. How many paper clips did Osman place on the straight line?



Do not write
in this space

Answer : _____ [4]

End of Paper

EXAM PAPER 2015

SCHOOL : PEI CHUN

SUBJECT : P4 MATHEMATICS

TERM : SA1

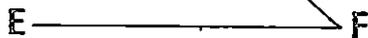
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	2	3	4	3	4	4	4	1	3
Q11	Q12	Q13	Q14	Q15					
1	2	2	1	3					

16) a) 2915

b) 42060

17) $\frac{1}{3}$

18) G



19) $\frac{1}{4}, \frac{1}{3}, \frac{2}{3}$

20) a) $FE \parallel BC$ 20) b) $AB \perp AG$

21) $4 \frac{7}{10}$

22) a) North-east 22) b) Pool

23) \$15.10

24) $100 \div 2 = 10$

$10 \times 4 = \underline{40 \text{ cm}}$

25) $\frac{5}{16}$

26) 20

27) 48

28) 38°

29) 6 L

30) 25 June

31) a) $4983 \times 3 = \underline{14949}$

b) $14949 + 4983 = \underline{19932}$

32) a) $40 \times 200 = \underline{800 \text{ ml}}$

b) $8000 - 2500 = \underline{5500 \text{ ml}}$

33) a) $\frac{1}{8} + \frac{1}{4} = \frac{1}{8} + \frac{2}{8}$

$= \frac{3}{8}$

$\frac{8}{8} - \frac{3}{8} = \underline{\frac{5}{8}}$

b) $48 \div 8 = 6$

$6 \times 2 = \underline{12}$

$$34) a) 90 + 120 + 100 + 130 = \underline{440}$$

$$b) 90 \times 70\text{¢} = 6300\text{¢}$$

$$6300 \text{ ¢} = \underline{\$63}$$

$$35) a) 3u = 415 - 47 - 107$$

$$= 261$$

$$1u = 261 \div 3$$

$$= \underline{\$87}$$

$$b) 87 + 47 = \underline{\$134}$$

$$36) 109 \div 5 = 21$$

$$21 \text{ groups} = 21 \times 3$$

$$= 63$$

$$\text{Remaining} = 4 \div 2$$

$$= 2$$

$$63 + 2 = \underline{65}$$

37) Assuming all 13 notes are \$2 notes,

$$\text{Total} = 13 \times 2$$

$$= 26$$

$$\text{Extra} = 50 - 26$$

$$= 24$$

$$\text{Diff} = 10 - 2$$

$$= 8$$

$$24 - 8 = \underline{3}$$

$$38) 9u = 338 - 31$$

$$= 207$$

$$1u = 207 \div 9$$

$$= 23$$

$$\text{Left} = 23 \times 8$$

$$= \underline{184}$$

$$39) 9 \times 9 = 81$$

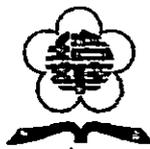
$$15 \times 5 = 75$$

$$81 + 75 = \underline{156}$$

$$40) 5 + 2 = 7$$

$$61 \div 7 = 8R5$$

$$8 + 1 = \underline{9}$$



PEI HWA PRESBYTERIAN PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1

PRIMARY 4
MATHEMATICS PAPER

13 MAY 2015

Name: _____

Form Class / Register No. : 4TW _____ / _____

Banded Class / Register No. : 4M _____ / _____

Total time: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

1. Write your Name, Class and Register No. in the spaces provided above.
2. DO NOT turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. For Section A, shade your answers on the Optical Answer Sheet (OAS) provided.
6. For Section B and C, write all your answers in this booklet
7. The use of calculator is **NOT ALLOWED**.

Total Marks :

100

This booklet consists of 19 printed pages, excluding the cover page.

Section A: Multiple Choice Questions (20 x 2 = 40 marks)

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

- 1 96 803 = _____ ten thousands + 6 thousands + 8 hundreds + 3 ones
- (1) 6
(2) 9
(3) 90
(4) 96
- 2 Alan wants to estimate the answer for $137 + 12$.
Which of the following is the best estimation?
- (1) $130 + 12$
(2) $132 + 12$
(3) $140 + 12$
(4) $142 + 12$
- 3 What is the missing number?
 $7153 \times 90 \times 6 = 7153 \times \underline{\hspace{2cm}} \times 60$
- (1) 6
(2) 9
(3) 54
(4) 90
- 4 Devi fried 3265 chicken nuggets. She packed all the chicken nuggets into some boxes. Each box could only contain 8 chicken nuggets.
What is the minimum number of boxes she would need?
- (1) 406
(2) 407
(3) 408
(4) 409

- 5 Mrs Raja had 5000 beads.
She gave all her beads to her only granddaughter and three grandsons.
Each grandson received the same number of beads.
Her granddaughter received five times as many beads as each of the grandsons.
How many beads did each grandson receive?

- (1) 500
- (2) 625
- (3) 1500
- (4) 2500

Study the table below carefully and answer questions 6 and 7.

The table below shows the number of cupcakes and pies sold at a shop from January to April.

Month	Number of cupcakes sold	Number of pies sold
January	23	12
February	31	9
March	25	14
April	29	10

- 6 How many more cupcakes than pies did the shop sell from January to April?
- (1) 45
 - (2) 63
 - (3) 108
 - (4) 153
- 7 If a cupcake costs \$2 and a pie costs \$4, how many more cupcakes does the shop have to sell so that the shop earns a total of \$400 from January to April?
- (1) 1
 - (2) 2
 - (3) 3
 - (4) 4

8 How many twelfths are there in $5\frac{3}{4}$?

(1) 60

(2) 63

(3) 69

(4) 72

9 Which one of the following has the same value as $9\frac{7}{8}$?

(1) $8 + \frac{11}{8} + \frac{1}{2}$

(2) $8 + \frac{15}{8} + \frac{1}{2}$

(3) $8 + \frac{8}{8} + \frac{3}{4}$

(4) $8 + \frac{13}{8} + \frac{3}{4}$

10 The sum of two fractions is $4\frac{2}{3}$. If the smaller fraction is $1\frac{1}{4}$, what is the difference of the two fractions? Leave your answer as a mixed number.

(1) $2\frac{1}{6}$

(2) $3\frac{5}{12}$

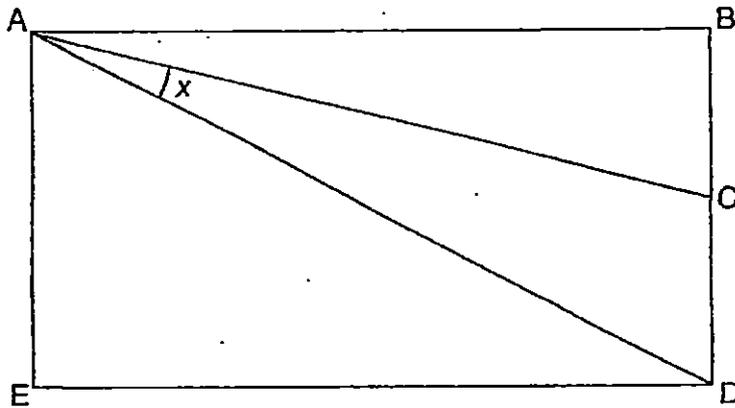
(3) $4\frac{5}{12}$

(4) $5\frac{11}{12}$

11. $\frac{8}{9}$ of a number is 72. What is the number?

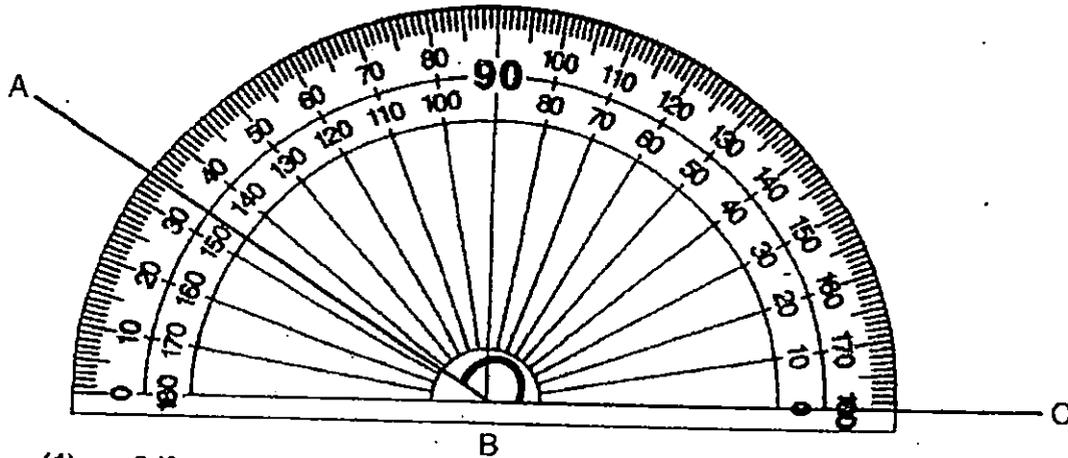
- (1) 64
- (2) 72
- (3) 80
- (4) 81

12. In the figure below, ABDE is a rectangle. Name $\angle x$.



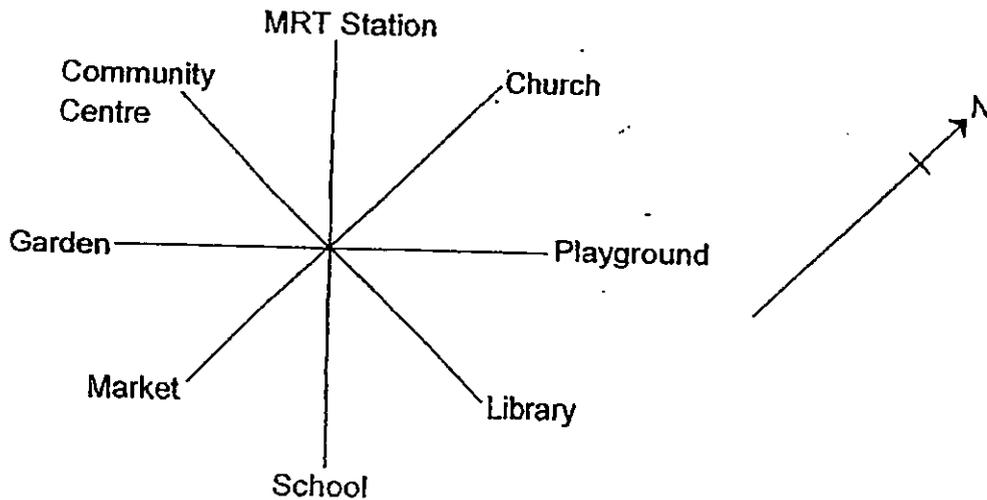
- (1) $\angle CAE$
- (2) $\angle CAB$
- (3) $\angle DAB$
- (4) $\angle DAC$

13 What is the size of angle $\angle ABC$?



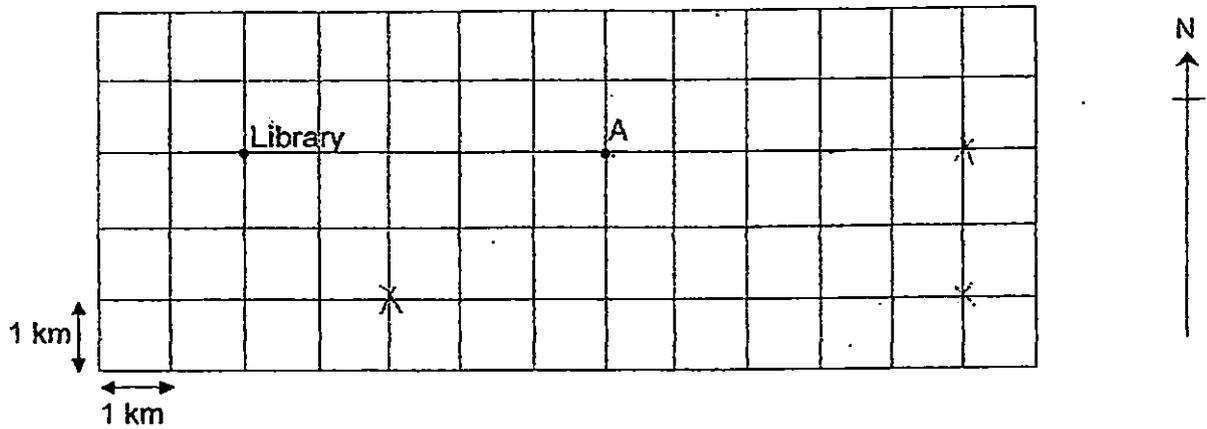
- (1) 34°
- (2) 46°
- (3) 146°
- (4) 153°

14 Refer to the diagram below and fill in the blank.
The Market is _____ of the Church?



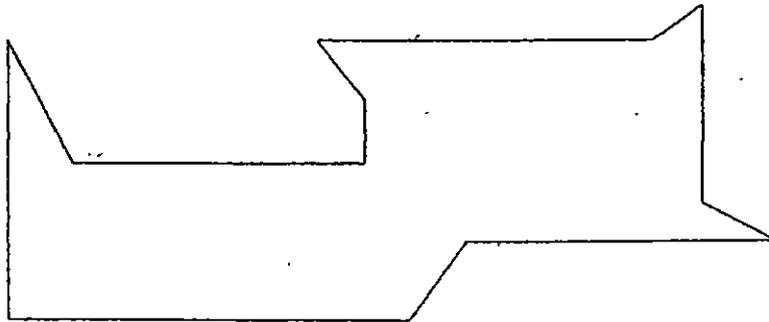
- (1) North
- (2) South
- (3) North-east
- (4) South-west

- 15 Indra was making his way to the library from point A. He drove 5 km east. He then drove 2 km south. Lastly, he drove another 8 km west.



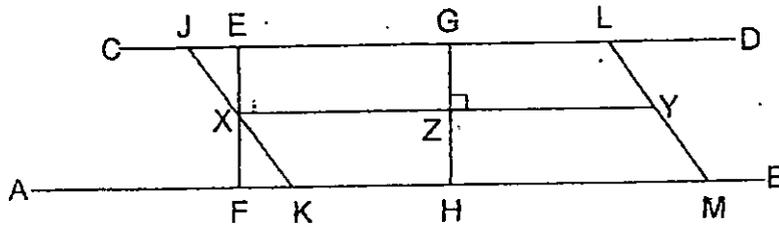
His final position is _____ of the library.

- (1) East
 - (2) West
 - (3) North-west
 - (4) South-east
- 16 In the figure below, how many horizontal and vertical lines are there?



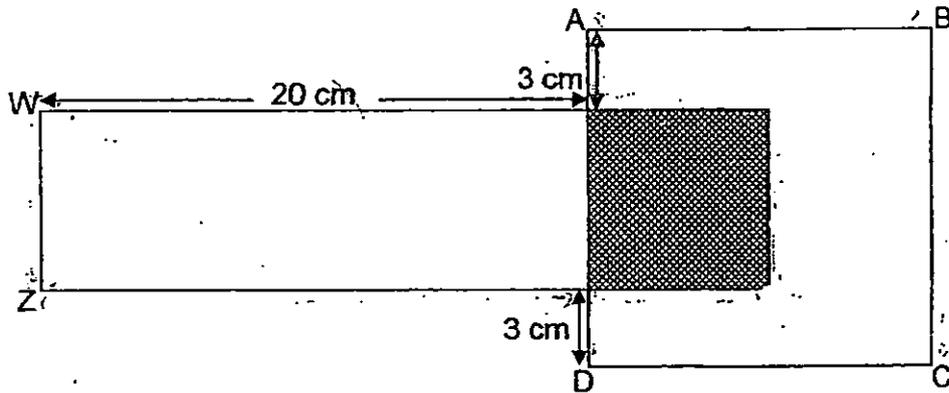
- (1) 3 horizontal and 4 vertical lines
- (2) 4 horizontal and 3 vertical lines
- (3) 5 horizontal and 6 vertical lines
- (4) 6 horizontal and 5 vertical lines

- 17 In the figure below, which lines are perpendicular to line XY?



- (1) AB and CD
(2) EF and GH
(3) EF, JK and LM
(4) EF, GH, JK and LM
- 18 How many right angle(s) does a rectangle have?
- (1) 1
(2) 2
(3) 4
(4) 8
- 19 The length of a rectangle is thrice its breadth.
Find the area of the rectangle if the perimeter of the rectangle is 144 cm.
- (1) 324 cm^2
(2) 972 cm^2
(3) 1296 cm^2
(4) 3888 cm^2

- 20 Square ABCD and Rectangle WXYZ overlap each other.
The area of Square ABCD is 144 cm^2 .
Rectangle WXYZ has the same area as Square ABCD.
Find the area of the shaded part.
The figure is not drawn to scale.



- (1) 24 cm^2
- (2) 36 cm^2
- (3) 48 cm^2
- (4) 64 cm^2

Section B (20 x 2 = 40 marks)

Write your answers in the answer blanks provided.

For questions that require working, show your working clearly in the space provided.

21 Write 93 712 in words.

Ans: _____

22 Complete the following number pattern.
1001, 1002, 1008, 1019, 1035, _____, 1082

Ans: _____

23 I am a common factor of 84 and 96.
I am also a common multiple of 4 and 6.
What number am I?

Ans: _____

24 This year, Bernice's age is a 2-digit factor of 72.
Next year, her age will be a 2-digit factor of 100.
How old was Bernice last year?

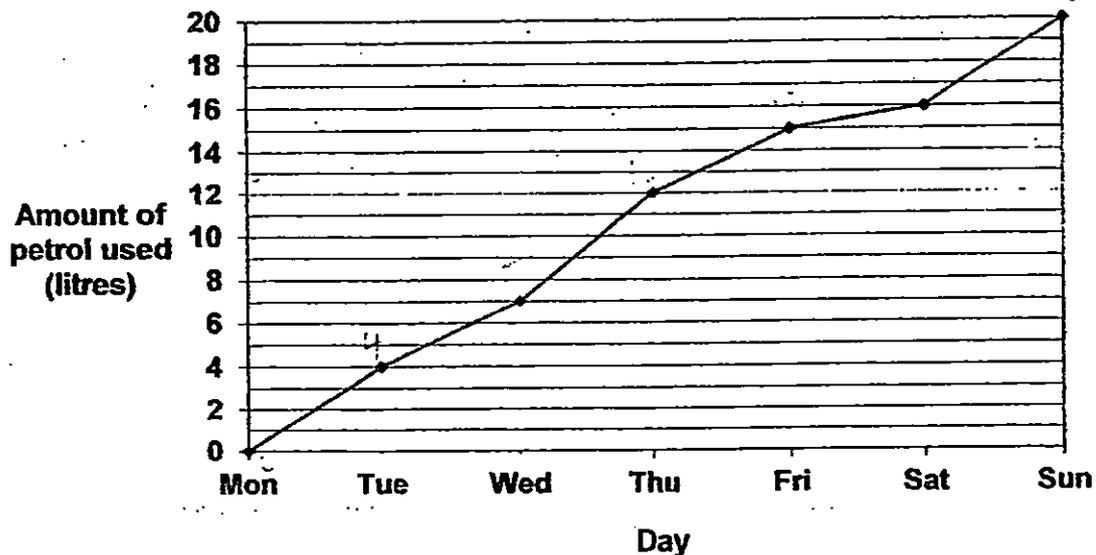
Ans: _____

25 Find the value of 941×59 .

Ans: _____

Study the line graph below carefully and answer questions 26 and 27.

The line graph shows the amount of petrol used by a car from Monday to Sunday.



26 How much petrol was used on Friday?

Ans: _____ litres

27 (a) Between which 1-day interval was there a greatest increase in the amount of petrol used?

(b) Between the 1-day interval as mentioned in part (a), how much was the increase in the amount of petrol used?

Ans: (a) Between _____ and _____

(b) _____ litres

- 28 A stationery shop sold 1 pen for \$2. For every 5 pens sold, an additional pen would be given free.
If Mrs Goh spent \$10 on the pens, how many pens did she receive in total?

Ans: _____

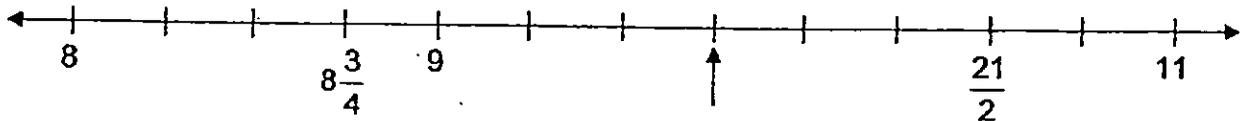
- 29 What is the difference between 12 and $\frac{9}{11}$? Express your answer as a mixed fraction in the simplest form.

Ans: _____

- 30 What is the sum of $\frac{3}{4}$, $\frac{3}{5}$ and $\frac{7}{10}$ in the simplest form?

Ans: _____

- 31 In the number line below, what is the fraction indicated by the arrow?
Express your answer as an improper fraction.

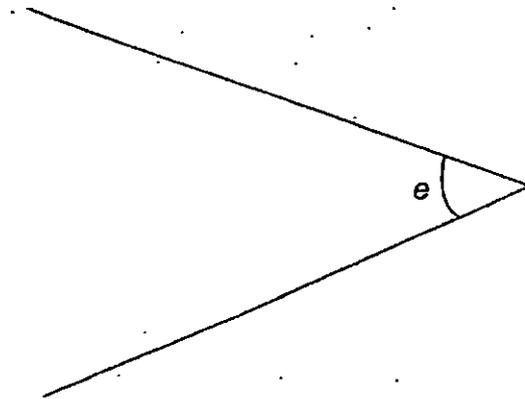


Ans: _____

- 32 A class has an equal number of boys and girls. $\frac{1}{4}$ of the boys and 6 girls do not wear glasses. 29 pupils in the class wear glasses. How many boys do not wear glasses?

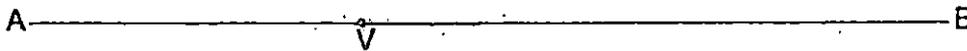
Ans: _____

- 33 Measure and write down the size of $\angle e$ shown below.



Ans: _____°

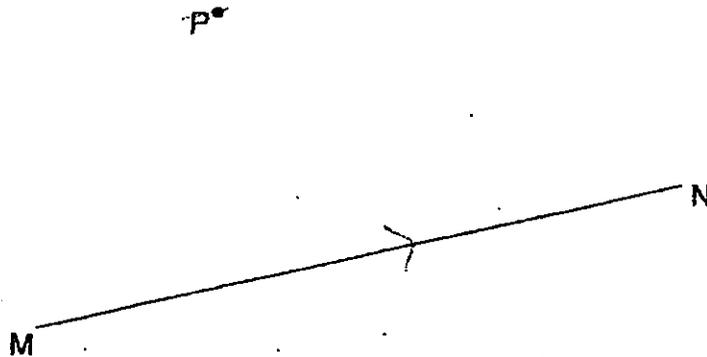
- 34 The figure below shows a line AB and a point V. Draw a line CV such that $\angle CVA = 130^\circ$ and label clearly.



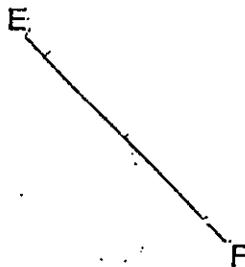
- 35 Michelle donated \$75 to the Children Cancer Foundation. Natalie donated 25 times as much ~~as~~ money as Michelle. How much did they donate altogether?

Ans: _____

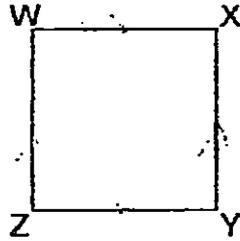
- 36 The figure below shows a line MN and a point P.
Draw and label a line PQ parallel to MN.



- 37 Follow the instructions below to complete the diagram with line EF.
Draw and label a line EA perpendicular to line EF.
Draw and label a line AB parallel to line EF.
The length of AB and EA must be 4 cm.
Join point B to point F.

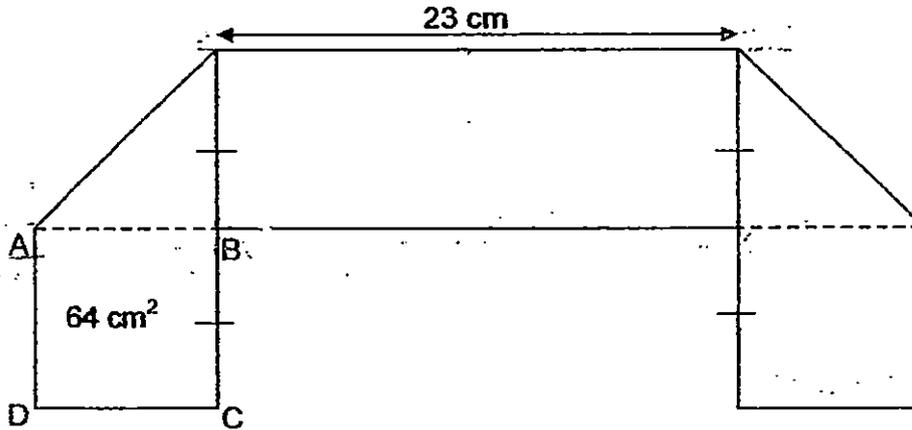


- 38 The figure WXYZ shown below is a square.
Name two pairs of parallel lines in the figure.



Ans: _____ // _____ and _____ // _____

- 39 A rectangular piece of paper is folded to form the shape shown below.
The area of square ABCD is 64 cm^2 .
Find the perimeter of the rectangular piece of paper before it is folded.



Ans: _____ cm

- 40 Lynette has a wire that is 36 cm long. She uses the entire piece of the wire to form a square. What is the area of the square?

Ans: _____ cm^2

Section C (5 x 4 = 20 marks)

Solve each of the following problems. Show all your working and statements clearly.
Write your answers in the spaces provided.

- 41 Mrs Chong has some marbles.
If she gives each student 8 marbles, she will have 7 marbles left.
If she gives each student 9 marbles, she will need 4 more marbles.
How many marbles does Mrs Chong have?

Ans: _____ [4]

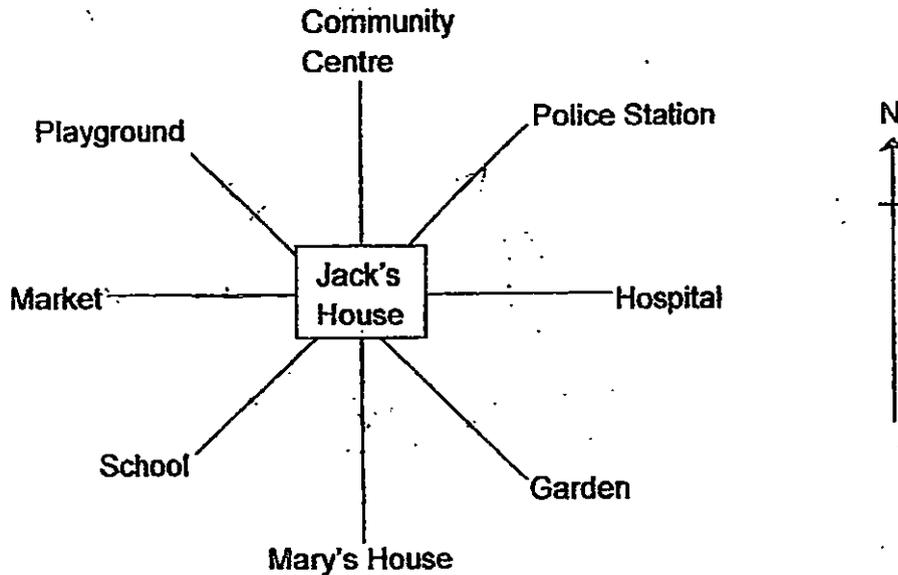
- 42 Harini bought 552 red, blue and green pens altogether.
There were 328 more red pens than blue pens.
If she gave 36 blue pens to her friends, she would have twice as many green pens as blue pens.
How many green pens did Harini buy?

Ans: _____ [4]

- 43 A box containing 8 identical laptops and 4 identical printers weighed $21\frac{7}{15}$ kg. Another identical box containing 4 identical laptops and 2 identical printers weighed $10\frac{14}{15}$ kg.
What is the mass of 25 such empty boxes?

Ans: _____ [4]

Study the diagram below carefully and answer the questions.



- (a) Jack was at home facing the east direction.
After he made a $\frac{3}{4}$ - turn anti-clockwise and followed by a $\frac{1}{2}$ - turn clockwise, which place would he be facing then?
- (b) Jack's brother was at home facing the North-east direction.
After he turned an angle of 225° in the clockwise direction and followed by a 45° turn in the anti-clockwise direction, which place would he be facing then?

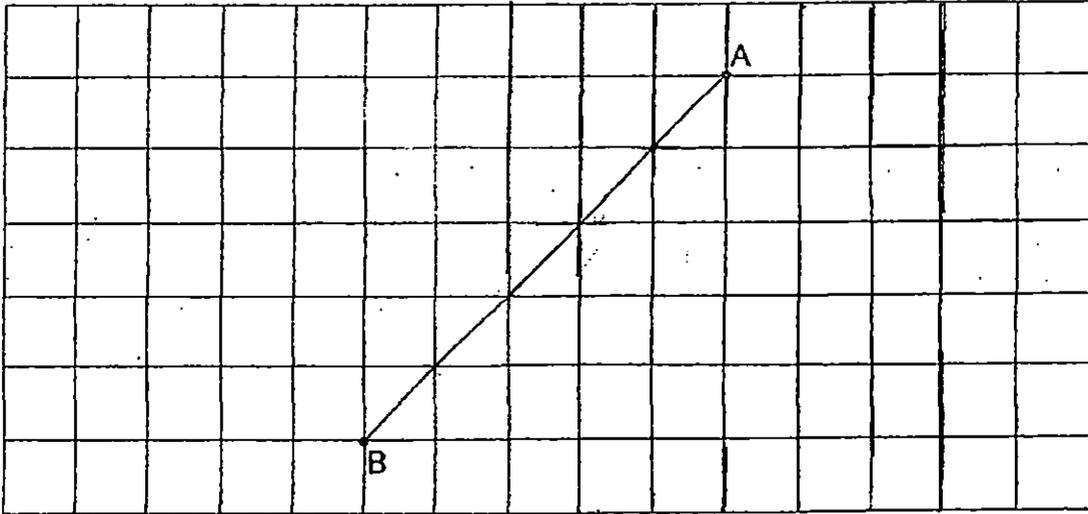
Ans: (a) _____ [2]

(b) _____ [2]

45

In the square grid, AB is a straight line.

- (a) Draw a line perpendicular to line AB within the grid.
- (b) Draw a line parallel to line AB within the grid.



[4]

***** END OF PAPER *****

PLEASE CHECK YOUR WORK.

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : PEI HWA PRESBYTERIAN PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	2	4	2	2	2	3	1	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	4	3	2	4	2	2	3	2	1

Q21. Ninety - three thousand, seven hundred and twelve

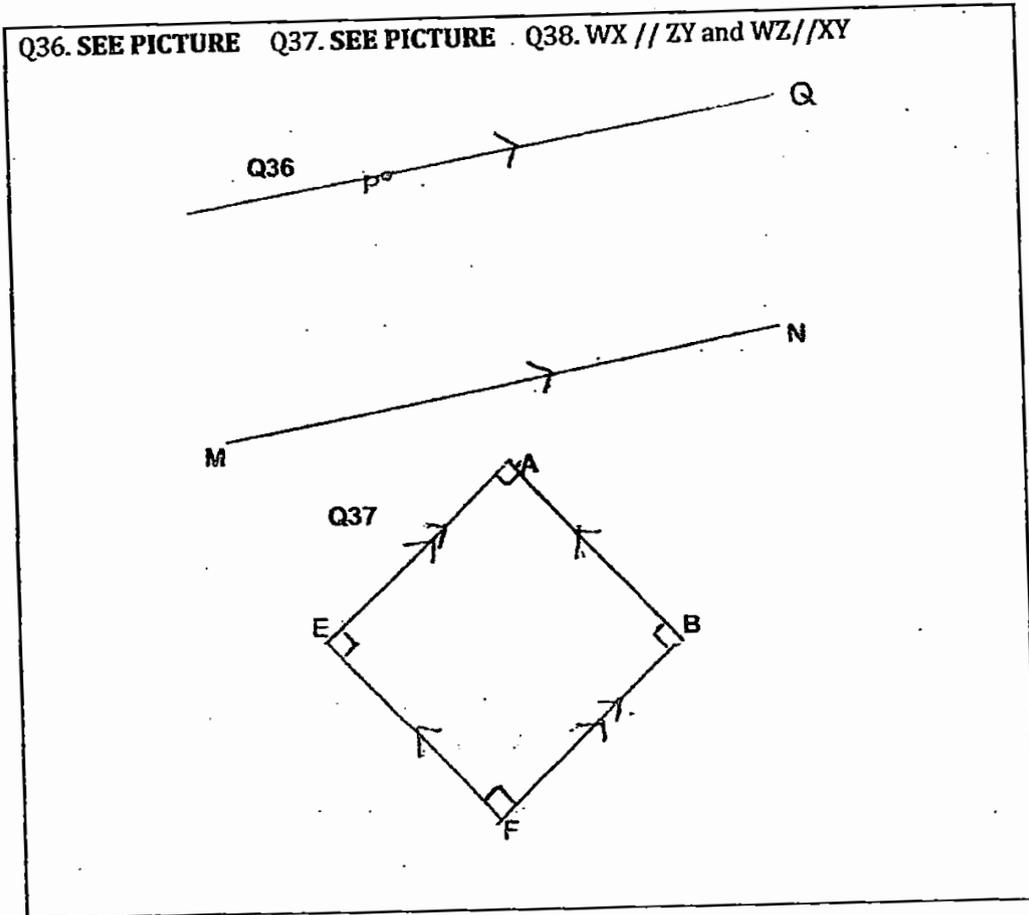
Q22. 1056 Q23. 12 Q24. 23 years old Q25. 55519

Q26. 15 litres Q27a. Wednesday and Thursday Q27b. 5 litres

Q28. $6 \rightarrow 10 \div 2 = 5, 5 + 1 = 6$ Q29. $11\frac{2}{11}$ Q30. $2\frac{1}{20}$ Q31. $\frac{39}{4}$

Q32. $5 \rightarrow 3 + 4 = 7, 7 \rightarrow$ units 35, 1 unit $35 \div 7 = 5$

Q33. 44° Q34. No model answer Q35. $\$1950 \rightarrow N \rightarrow 1875, M \rightarrow 75, 1875 + 75 = 1950$



Q39. 126cm

Q40. $81\text{cm}^2 \rightarrow 36 \div 4 = 9, 9 \times 9 = 81$

Q41. 95 marbles

No. of students	7	8	9	10	11
Multiples of 8	56	64	72	80	88
Multiples of 8 +7	63	71	79	87	95
Multiples of 9	63	72	81	90	99
Multiples of 9 - 4	59	68	77	86	95

Q42. 76 green pens

$$552 - 328 = 224$$

$$224 - 36 = 188$$

$$188 - 36 = 152$$

$$4u \rightarrow 152, 1u \ 152 \div 4 = 38$$

$$2u \rightarrow 38 \times 2 = 76$$

Q43. 10kg

$$21\frac{7}{5} - 10\frac{14}{15} = 10\frac{8}{15}$$

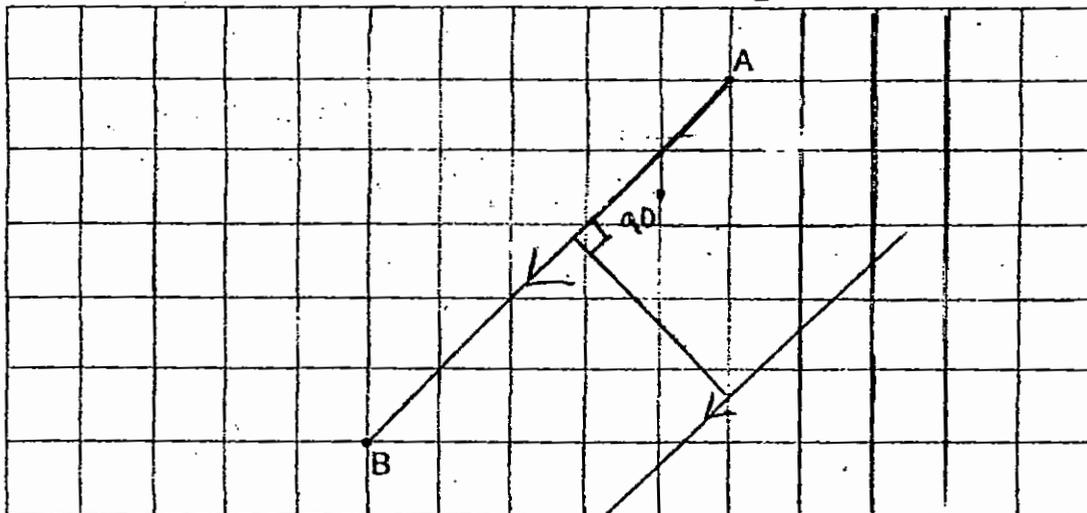
$$10\frac{14}{15} - 10\frac{8}{15} = \frac{6}{15} = \frac{2}{5}$$

$$\frac{2}{5} \times 25 = 2 \times 5 = 10$$

Q44a. Community centre

Q44b. School

Q45a and Q45b. SEE PICTURE





Your Score Out of 100 marks	
Parent's Signature	

Name: _____ ()

Banded Math Class: P4 _____

11th MAY 2015 MATHEMATICS Duration: 1 h 45 min

SECTION A (25 marks)

Question 1 to 5 carry 1 mark each. Question 6 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade your answer (1, 2, 3 or 4) on the OAS provided.

1. What is the missing number in the box?

$$89\,524 = 80\,000 + \boxed{} + 500 + 20 + 4$$

- (1) 9
- (2) 90
- (3) 900
- (4) 9000

2. Round off 45 987 to the nearest hundred.

- (1) 45 900
- (2) 45 980
- (3) 46 000
- (4) 46 900

3. Multiply 4354 by 6
- (1) 24 124
 - (2) 25 824
 - (3) 26 124
 - (4) 27 124
4. There are 40 fruits in one box.
If there are 357 boxes, how many fruits are there altogether?
- (1) 1 408
 - (2) 1 428
 - (3) 14 080
 - (4) 14 280
5. Convert 8 m 3 cm to centimetres.
- (1) 803 cm
 - (2) 830 cm
 - (3) 8003 cm
 - (4) 8030 cm
6. The area of the rectangle shown below is 216 cm^2 . Find its length.

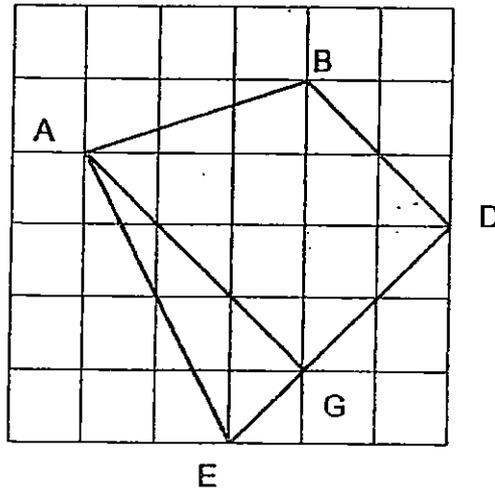


- (1) 24 cm
- (2) 48 cm
- (3) 108 cm
- (4) 1944 cm

7. The mass of a carton of fruits is 30 015g. What is its mass in kilogrammes and grams?

- (1) 3 kg 15 g
- (2) 30 kg 15g
- (3) 30 kg 150 g
- (4) 300 kg 15 g

8. Identify the parallel lines in the figure shown below



- (1) AB // ED
- (2) AG // BD
- (3) AG // ED
- (4) AE // BD

9. Express $7\frac{4}{5}$ as an improper fraction.

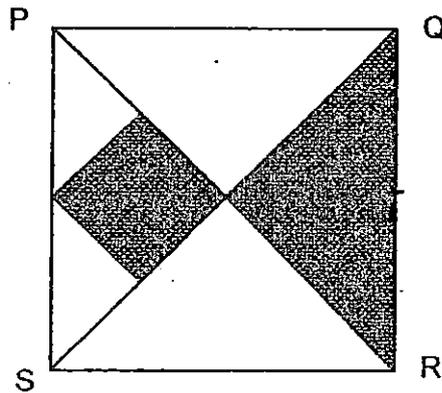
- (1) $\frac{28}{5}$
- (2) $\frac{33}{5}$
- (3) $\frac{39}{5}$
- (4) $\frac{74}{5}$

10. What is $\frac{5}{9} - \frac{1}{3}$?
- (1) $\frac{1}{3}$
 - (2) $\frac{4}{6}$
 - (3) $\frac{2}{9}$
 - (4) $\frac{4}{9}$
11. The sum of two numbers is 846. If one number is 50 greater than the other, what is the larger number?
- (1) 388
 - (2) 398
 - (3) 438
 - (4) 448
12. How many common factors are there for 18 and 36?
- (1) 6
 - (2) 5
 - (3) 3
 - (4) 4
13. What is the first common multiple of 6 and 8?
- (1) 16
 - (2) 24
 - (3) 32
 - (4) 48

14. May collected 7294 seashells. She collected 7 times as many seashells as John. How many seashells did John collect?

- (1) 142
- (2) 1042
- (3) 10 042
- (4) 51 058

15. Figure PQRS below is a square. It is made up of 1 small square, 2 small triangles and 3 large triangles. PR and QS are straight lines.



What fraction of the square PQRS is shaded?

- (1) $\frac{1}{2}$
- (2) $\frac{1}{4}$
- (3) $\frac{3}{8}$
- (4) $\frac{5}{8}$

SECTION B (40 marks)

Question 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

16. Write eighty-six thousand and eight as a numeral.

Ans: _____

17. Eliza wants to give each of her classmates 12 sweets.
There are 38 classmates in her class.
How many sweets does she need to buy?

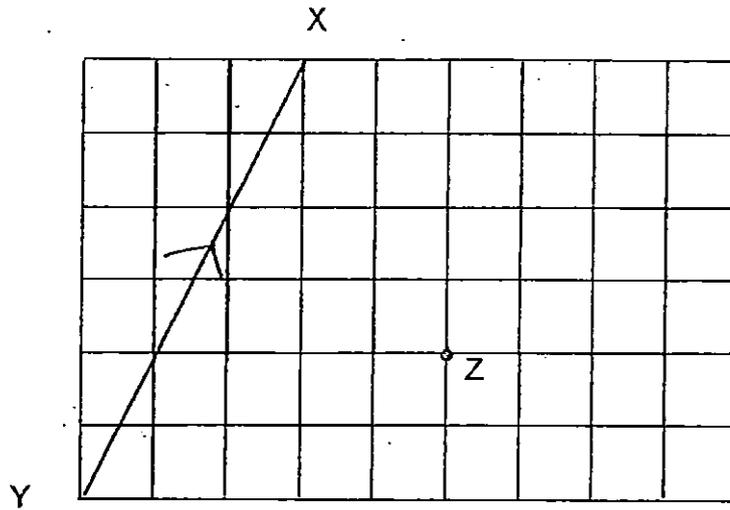
Ans: _____

18. The perimeter of a rectangle is 326 cm and its breadth is 28 cm.
Find the length of the rectangle.

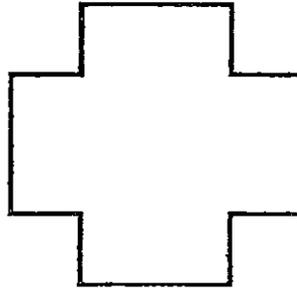


Ans: _____ cm

19. Draw a line parallel to line XY passing through point Z.

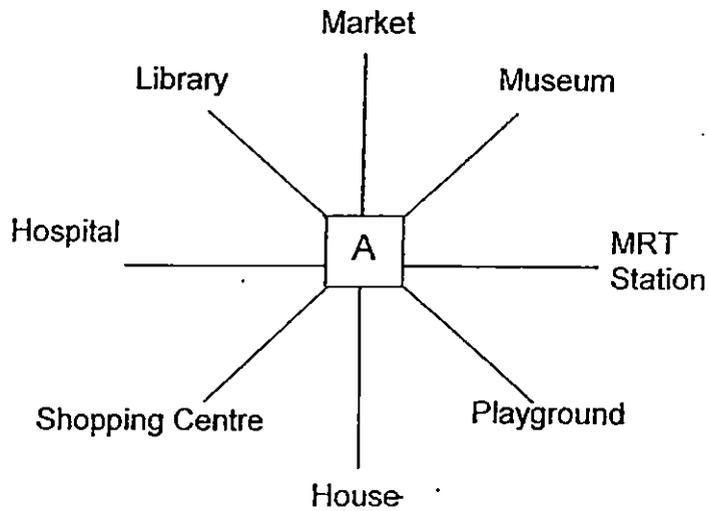


20. How many right angles are there within the figure?



Ans: _____

21. Susan is standing at point A facing her house.
Where will she be facing if she turns 135° clockwise?



Ans: _____

22. Arrange the following fractions from the greatest to the smallest.

$$2\frac{1}{3}, 1\frac{1}{4}, 1\frac{2}{5}, 2\frac{1}{8}$$

Ans: _____

23. Siti had 720 cupcakes. She sold $\frac{5}{8}$ of them.
How many cupcakes had she left?

Ans: _____

24. Devi used all the digits below to form a 5 digit number. What is the greatest even number she can form with all the digits? Use each digit only once.



Ans: _____

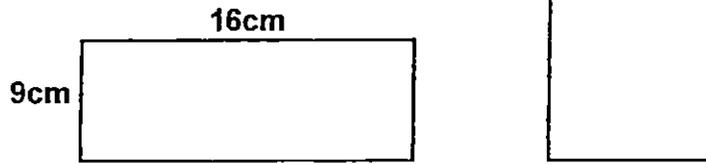
25. Ali has \$5.60. He wants to exchange his money for an equal number of 20-cent coins and 50-cent coins. How many 50-cent coins does he have after the exchange?

Ans: _____

26. Peter sold 115 boxes of markers. There were 12 markers in each box. Each marker was sold at \$2. How much money did Peter receive?

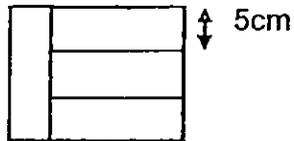
Ans: \$ _____

27. The rectangle and the square below have the same area. Find the length of the square.



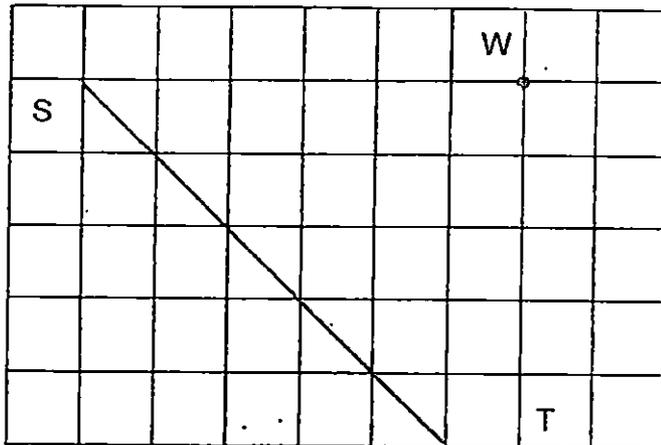
Ans: _____ cm

28. The figure below is made up of 4 identical rectangular strips. Find the perimeter of the figure.



Ans: _____ cm

29. Draw a perpendicular line to line ST passing through point W.



30. Complete the pattern shown below.



Ans: _____

31. $\frac{30}{8} = 3 \frac{\boxed{}}{4}$

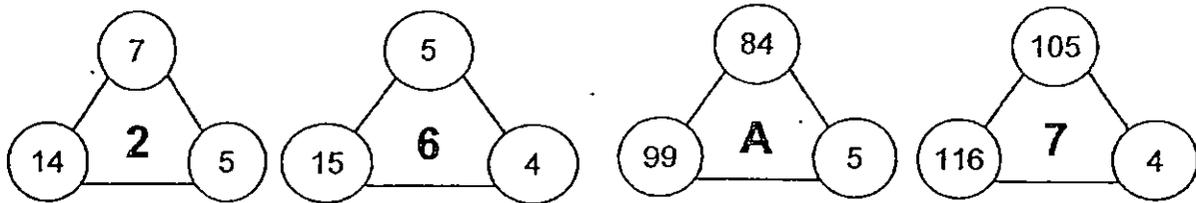
What is the missing number in the box?

Ans: _____

32. Xiao Hui had $\frac{7}{8}$ kg of fruits. She gave $\frac{3}{4}$ kg of the fruits to her mother. How many kilograms of fruits did she have left? Leave your answer as a fraction in its simplest form.

Ans: _____ kg

33. Study the figures given below.



What is the number represented by A?

Ans: _____

34. Mr Baker had some flour. He used $\frac{5}{8}$ kg of flour to bake pies and $\frac{1}{2}$ kg of flour to bake a cake. How much flour did he use? Give your answer in the simplest form.

Ans: _____ kg

35. The total age of Ali and Ben is 78 years this year. In how many years' time will their total age be 90 years?

Ans: _____

SECTION C (35 marks)

For question 36 to 44, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working. The number of marks available is shown in brackets [] at the end of each question or part-question.

36. Jane has 432 stickers and Tim has 2 times as many stickers as Jane. Shu Qi has 148 fewer stickers as Tim. How many stickers does Shu Qi have?

Ans: _____ [3]

37. Mrs Tan had 126 m of cloth. She used $\frac{5}{7}$ of the cloth to make blouses.
- What was the length of cloth she use?
 - If she used 6 m of cloth to make one blouse, how many blouses did she make?

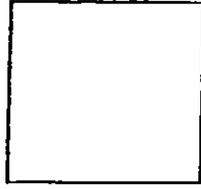
Ans: a) _____ [2]

Ans: b) _____ [2]

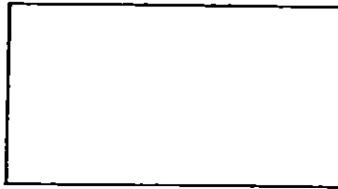
38. Jacob and Sarah had \$1500. After Jacob gave Sarah \$128, he still had \$86 more than Sarah. How much money did Sarah have at first?

Ans: _____ [3]

39. The diagram below shows square X and rectangle Y.
The length of rectangle Y is 9 cm longer than its breadth.
The breadth of rectangle Y is the same as the length of square X.
The perimeter of square X is 56 cm. Find the area of rectangle Y.



Square X



Rectangle Y

Ans: _____ [4]

40. There are some cookies in the jar.
On Monday, Alex ate $\frac{1}{4}$ of the cookies. He later bought 24 cookies and added into the jar. On Tuesday, Alex ate 36 cookies. He was hungry and ate another 30 cookies. There were no cookies left.
How many cookies were there in the jar at first?

Ans: _____ [4]

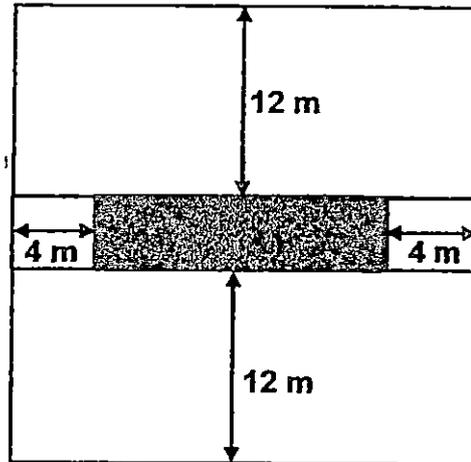
41. Marie had the same number of red, green and blue beads at first. After giving some red and green beads and 108 blue beads away, Marie had 250 beads left. There were 2 times as many red beads as green beads left. The number of blue beads left was 50 fewer than the number of red beads left. How many blue beads did she have at first?

Ans: _____ [4]

42. Mr Lim has some pencils. If he ties them in bundles of 6, he will have 5 extra pencils. If he ties them in bundles of 5, he will be short of 3 pencils. What is the smallest possible number of pencils Mr Lim has?

Ans: _____ [3]

43. The figure below shows a square plot of land that Mr Tan has. The perimeter of the square plot of land is 120 m. He wants to fence up the rectangular shaded area to grow vegetables. The price of fencing 1 m of land is \$28. How much does Mr Lim need to pay for fencing the land?



Ans: _____ [5]

44. Johnson had some apples and oranges. The number of apples and oranges left were the same after Johnson sold $\frac{2}{3}$ of the apples and $\frac{4}{7}$ of the oranges. If he had 324 apples at first,

a) How many apples were left?

b) How many oranges did Johnson have at first?

Ans:a) _____ [2]

Ans:b) _____ [3]

-End of Paper-
Please check your work carefully ☺

Settlers: Mr. Johnson Ong
Mrs. K. Bell

LEVEL : PRIMARY 4
SCHOOL : RAFFLES GIRLS PRIMARY SCHOOL
SUBJECT : MATH
TERM : SA1

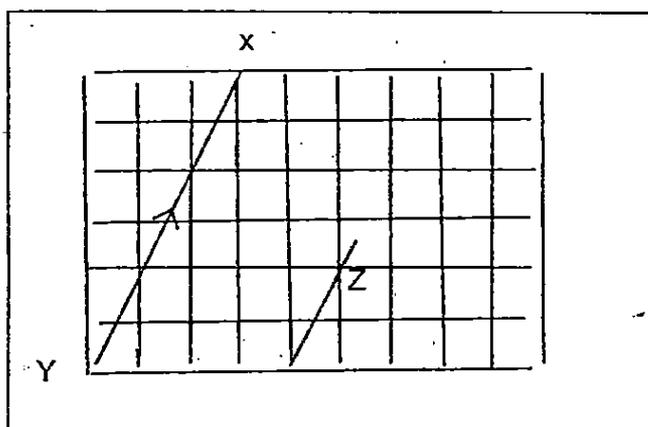
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	3	4	1	1	2	2	3	3
Q11	Q12	Q13	Q14	Q15					
4	2	2	2	3					

Q16. 86008

Q17. 456

Q18. 135cm $\rightarrow 326 \div 2 = 163, 163 - 28 = 132$

Q19. SEE PICTURE



Q20. 8

Q21. Library

Q22. $2\frac{1}{3}, 2\frac{1}{8}, 1\frac{2}{5}, 1\frac{1}{4}$

Q23. $270 \rightarrow 1 - \frac{5}{8} = \frac{3}{8}, 720 \times \frac{3}{8} = 270$

Q24. 87534

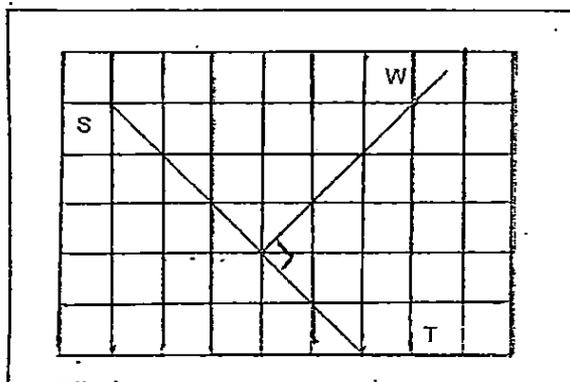
Q25. $8 \rightarrow 50¢ + 20¢ = 70¢$ (1group), $560 \div 70 = 8$

Q26. \$2760 $\rightarrow 12 \times 2 = 240, 24 \times 115 = 2760$

Q27. 12cm $\rightarrow 16 \times 9 = 144, \sqrt{144} = 12$

Q28. 70cm $\rightarrow 5 \times 3 = 15, 15 + 5 = 20, 2(20 + 15) = 2 \times 35 = 70$

Q29. SEE PICTURE



Q30. 7

Q31. 3

Q32. $\frac{1}{8}\text{kg} \rightarrow \frac{7}{8} - \frac{3}{4} = \frac{1}{8}$

Q33. $10 \rightarrow 84 + 5 = 89, 99 - 89 = 10$

Q34. $1\frac{1}{8}\text{kg} \rightarrow \frac{5}{8} + \frac{1}{2} = \frac{9}{8}$

Q35. $6 \rightarrow 90 - 78 = 12, 12 \div 2 = 6$

Q36. 716. $\rightarrow 432 \times 2 = 864$ (number of stickers Tim has), $864 - 148 = 716$.

Q37a. 90m $\rightarrow 126 \times \frac{5}{7} = 90$

Q37b. 15 $\rightarrow 90 \div 6 = 15$.

Q38. \$579 $\rightarrow 128 \times 2 = 256, 256 + 86 = 342, 1500 - 342 = 1158, 1158 \div 2 = 579$

Q39. $322\text{cm}^2 \rightarrow 23 \times 14 = 322$

Q40. 56. $\rightarrow 36 + 30 = 66, 66 - 24 = 42, 30 \rightarrow 42, 10 \rightarrow 42 \div 3 \rightarrow 14, 14 \times 4 = 56$.

Q41. 178.

$5U - 50 = 250, 5U \rightarrow 250 + 50 = 300, 1U \rightarrow 300 \div 5 \rightarrow 60, 60 \times 2 = 120,$
 $120 - 50 = 70, 70 + 108 = 178$

Q42. 17

Multiples of 6 : 6,12,18,24,30, plus 5 $\rightarrow 11,17, 23, 29,35$

Multiples of 5 : 5,10,15,20,25,30, minus 3 $\rightarrow 2,7,12,17$

Q43. \$1568

$120 \div 4 = 30, 12 + 12 = 24, 30 - 24 = 6, 4 + 4 = 8, 30 - 8 = 22,$
 $2(22+6) = 2 \times 28 = 56, 56 \times 28 = 1568$

Q44.a. 108 $\rightarrow 1 - \frac{2}{3} = \frac{1}{3}, \frac{1}{3} \times 324 = 108$

Q44b. 252 $\rightarrow 3U \rightarrow 108, 1U \rightarrow 108 \div 3 \rightarrow 36, 36 \times 7 = 252$.



RED SWASTIKA SCHOOL

RED SWASTIKA SCHOOL

2015 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name : _____

Class : Primary 4 / _____

Date : 11 May 2015

BOOKLET A

20 Questions

40 Marks

Duration of Paper : 1 hour 45 minutes

Note:

1. Do not open this Booklet until you are told to do so.
2. Read carefully the instructions given at the beginning of each part of the Booklet.
3. Do not waste time. If a question is difficult for you, go on to the next one.
4. Check your answers thoroughly and make sure you attempt every question.
5. In this booklet, you should have the following:
 - (a) Page 1 to Page 5
 - (b) Questions 1 to 20

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.
(40 marks)

- 1 In the number 46 079, what is the value of the digit 6?
- (1) 6 ones
 - (2) 6 tens
 - (3) 6 hundreds
 - (4) 6 thousands
- 2 The sum of the value of the digit 5 and the digit 8 in 57 893 is _____.
- (1) 580
 - (2) 5 080
 - (3) 50 080
 - (4) 50 800
- 3 $9\ 072 \div 6 =$ _____
- (1) 1 402
 - (2) 1 460
 - (3) 1 512
 - (4) 1 549
- 4 Which of the following are common factors of 10 and 15?
- (1) 1 and 5
 - (2) 1 and 10
 - (3) 3 and 5
 - (4) 3 and 15
- 5 14, 28, 35 and 56 are multiples of _____.
- (1) 7
 - (2) 2
 - (3) 5
 - (4) 4

The table below shows the number of toy cars in each box. Study it carefully and answer Questions 6 to 8.

Number of toy cars in each box	1	2	3	4	5	6
Number of boxes	26	35	24	18	22	?

6 How many boxes contain 5 toy cars only?

- (1) 18
- (2) 22
- (3) 24
- (4) 26

7 The number of boxes that contain 6 toy cars is twice of those that contain 4 toy cars. How many boxes would contain 6 toy cars?

- (1) 36
- (2) 40
- (3) 44
- (4) 125

8 How many boxes contain less than 3 toy cars?

- (1) 24
- (2) 59
- (3) 61
- (4) 85

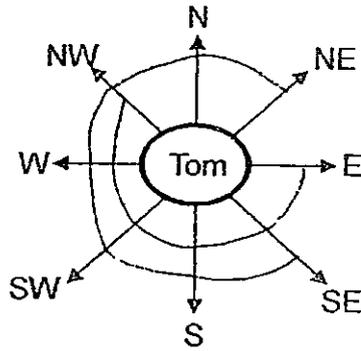
9 What is the missing number in the box?

$$3\frac{3}{4} = \frac{\boxed{?}}{4}$$

- (1) 10
- (2) 12
- (3) 15
- (4) 33

- 10 Express 4 h 35 min as minutes.
- (1) 240
 - (2) 275
 - (3) 320
 - (4) 435
- 11 A worker earns \$950 a month. How much will he earn in a year?
- (1) \$2 850
 - (2) \$9 500
 - (3) \$10 400
 - (4) \$11 400
- 12 A given number is a multiple of 6. It is between 10 and 20. It is also a factor of 24. What is the number?
- (1) 12
 - (2) 14
 - (3) 16
 - (4) 18
- 13 Mrs Lim bought $8\frac{1}{2}$ kg of rice. Mrs Bala bought $2\frac{1}{6}$ kg of rice less than Mrs Lim. How much rice did Mrs Bala buy?
- (1) $5\frac{5}{12}$ kg
 - (2) $6\frac{1}{3}$ kg
 - (3) $6\frac{1}{2}$ kg
 - (4) $10\frac{2}{3}$ kg
- 14 Catherine used 650 ml of lemon syrup and thrice as much water as lemon syrup to make lemonade. How much lemonade would Catherine get?
- (1) 1 300 ml
 - (2) 1 950 ml
 - (3) 2 600 ml
 - (4) 2 603 ml

- 15 Study the diagram below and answer Questions 15 and 16.

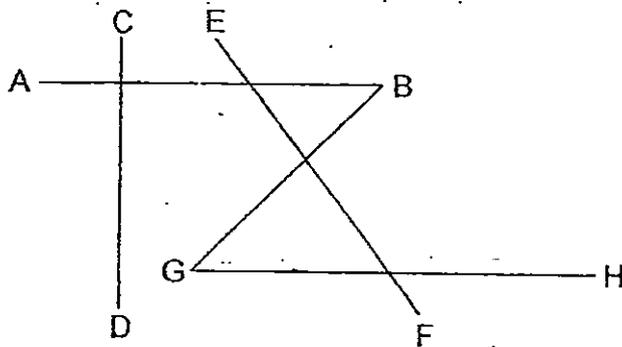


Tom is facing north-west. If he turns 225° anti-clockwise, he will be facing _____.

- (1) east
 - (2) south
 - (3) west
 - (4) south-east
- 16 Tom is facing south-east. He makes a _____-turn in a clockwise direction. He will now be facing north-east.

- (1) $\frac{1}{4}$
- (2) $\frac{1}{2}$
- (3) $\frac{3}{4}$
- (4) complete

- 17 Line AB is parallel to Line _____ but is perpendicular to Line _____.

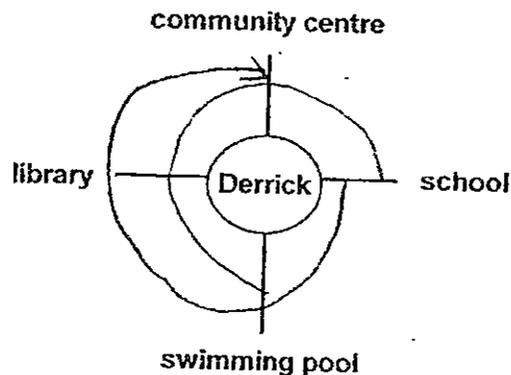


- (1) CD, EF
- (2) CD, GH
- (3) GH, EF
- (4) GH, CD

- 18 Study the number pattern below. What is the missing number?

10	11	12	13
100	121	144	?

- (1) 165
(2) 169
(3) 175
(4) 179
- 19 The mass of a sack of flour is 30 kg. The mass of a sack of potatoes is $\frac{2}{5}$ the mass of the sack of flour. What is the mass of the sack of potatoes?
- (1) 6 kg
(2) 12 kg
(3) 18 kg
(4) 75 kg
- 20 Derrick stood in the centre. He was facing the school after he had turned an angle of 270° in an anti-clockwise direction. Where was he facing at first?



- (1) library
(2) school
(3) swimming pool
(4) community centre



RED SWASTIKA SCHOOL

2015 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name : _____ ()

Class : Primary 4 / _____

Date : 11 May 2015

BOOKLET B

28 Questions

60 Marks

In this booklet, you should have the following:

- (a) Page 6 to Page 15
- (b) Questions 21 to 48

MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

Parent's Signature : _____

Questions 21 to 30 carry 1 mark each. Questions 31 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(30 marks)

21 Write thirty-eight thousand, four hundred and six in numerals.

Ans: _____

22 $\star \times 9 = 2214$

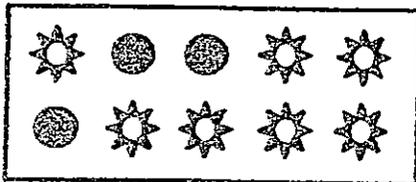
Find the value of \star

Ans: _____

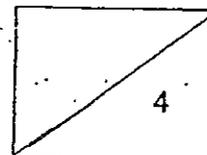
23 What are the first 2 common multiples of 5 and 6?

Ans: _____ and _____

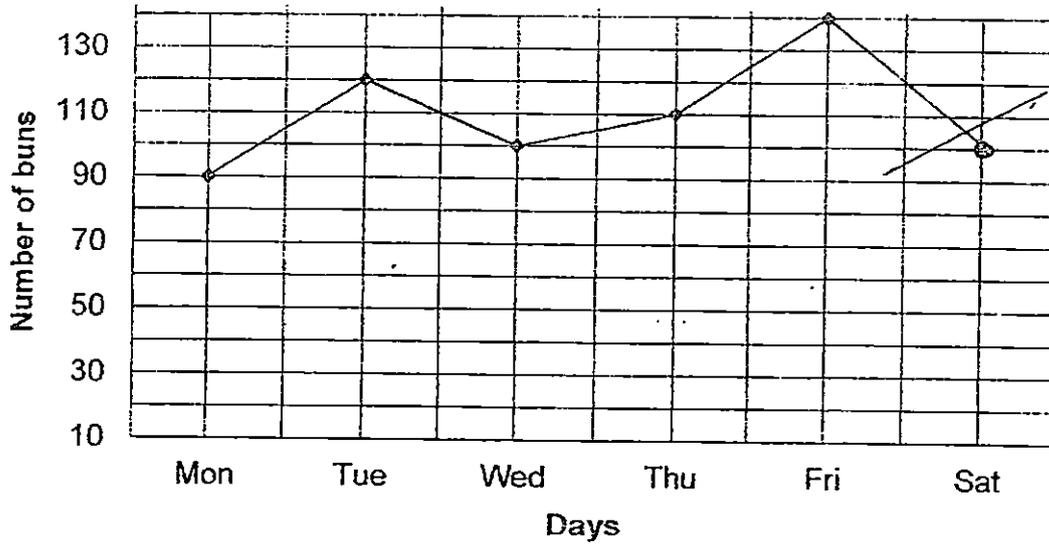
24 What fraction of the shapes in the box is  ?



Ans: _____



Sarah works at a bakery. The graph below shows the number of buns sold from Monday to Friday. Study the graph carefully and use the information to answer Questions 25 to 27.



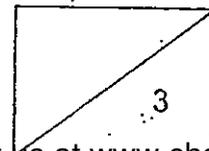
25 How many buns were sold on Tuesday?

Ans: _____

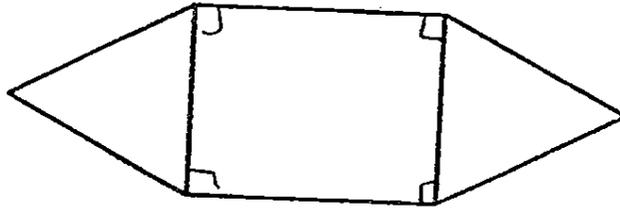
26 Find the difference between the greatest number of buns and the least number of buns sold.

Ans: _____

27 40 fewer buns were sold on Saturday than on Friday. How many buns were sold on Saturday? Plot your answer on the graph above.



- 28 The figure below is made of a rectangle and 2 identical triangles. How many pairs of perpendicular lines are there in the figure?

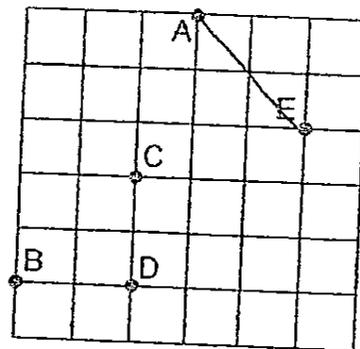


Ans: _____

- 29 Susan used $\frac{4}{5}$ m of a ribbon to tie some presents. She used 4 times as much to decorate her boxes. What was the total length of ribbon she used?

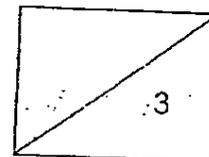
Ans: _____ m

- 30 Refer to the square grid below and fill in the blanks with A, B, C, D or E.



Point _____ is north-west of point _____.

Ans: _____



31 Round off 63 092 to the nearest hundred.

Ans: _____

32 The table below shows the entrance fees to S.E.A Aquarium. Mr Lim paid the promotion price for the tickets he bought.

	Entrance fees (usual price)	Entrance fees (promotion price)
Child	\$28	\$15
Adult	\$40	\$25

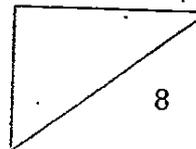
How much will Mr Lim save if he buys 4 adult and 2 child tickets?

33 4 similar chairs and 1 table cost \$550.
1 chair and 1 table cost \$325.
What is the cost of 1 chair?

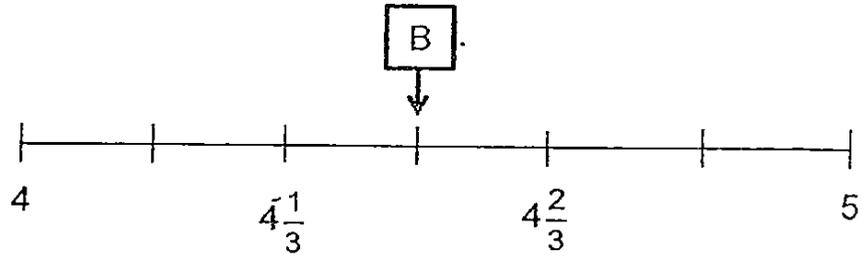
Ans: \$ _____

34 John's age is between 20 and 40. His age now is a multiple of 4. In 2 years time, his age will be a multiple of 5. How old is John now?

Ans: _____

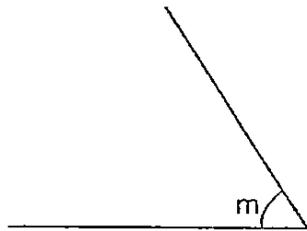


- 35 What mixed number does the letter B represent? Express your answer in its simplest form.



Ans: _____

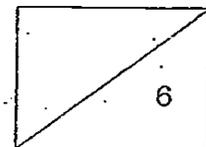
- 36 Measure $\angle m$.



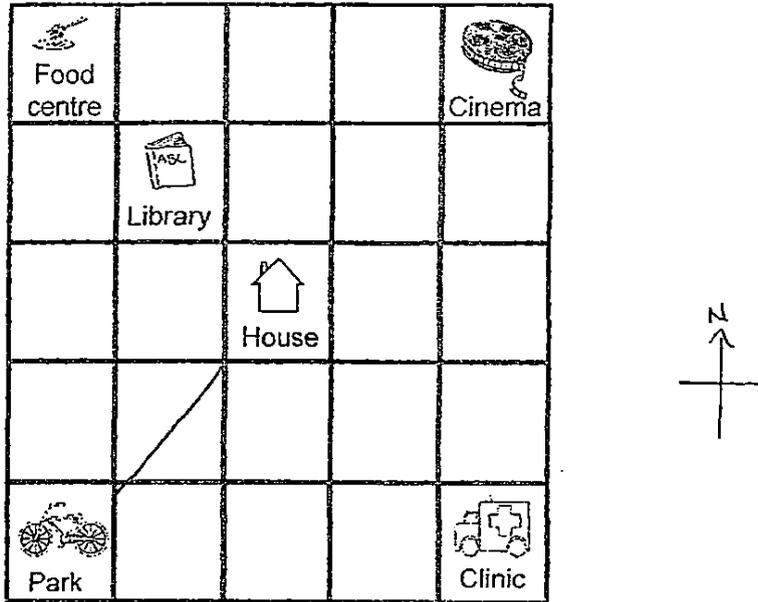
Ans: _____^o

- 37 Draw a perpendicular line to RS through the point T.

T



Study the diagram below carefully and use it to answer Questions 38 and 39.



38 The _____ is south-west of the house.

Ans: _____

39 3 students looked at the map above and made the following statements.

Ben said, "The food centre is north-east of the library."

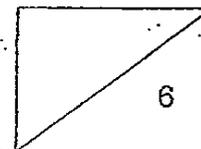
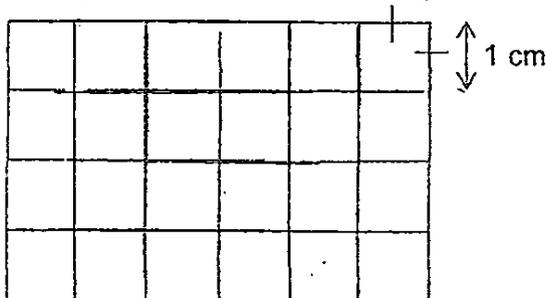
Cindy said, "The clinic is south-east of the house."

Pat said, "The cinema is north-west of the park."

Who made the correct statement? Write down the name of the person.

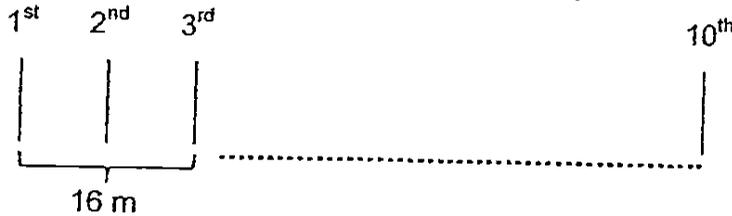
Ans: _____

40 Draw a square of side 3 cm on the grid.



Questions 41 to 48 carry 3 or 4 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided.
(30 marks)

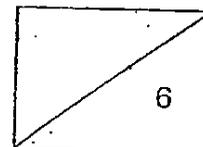
- 41 There were 10 lamp posts of equal distance along a road. The distance between the first and the third lamp post was 16 m. What was the distance between the first and the tenth lamp post?



Ans : _____ [3]

- 42 Wilson bought 120 kg of rice. He used 76 kg of rice. He packed the remaining rice into 8 smaller bags and had some rice left over. How much rice was left over?

Ans : _____ [3]

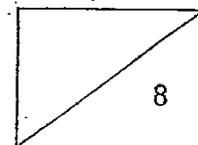


- 43 The total height of three girls, Clara, Martha and Nancy is 4 m. Clara is 15 cm shorter than Nancy. Martha is 10 cm taller than Nancy. Find the height of Nancy. Express your answer in m and cm.

Ans : _____ [4]

- 44 Shu Hua has \$660. Pei Jun has \$280. How much money must Shu Hua give to Pei Jun so that they have the same amount of money?

Ans : _____ [4]

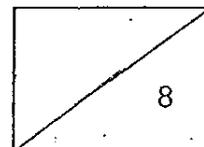


- 45 Wendy had 280 more stickers than Mathew. After Mathew gave Wendy 55 stickers, Wendy had four times as many stickers as Mathew. How many stickers did Wendy have at first?

Ans : _____ [4]

- 46 Annie had a sum of money. She spent $\frac{3}{8}$ of her money on clothes, $\frac{1}{4}$ of her money on storybooks and \$24 on a bracelet. She had \$156 left after spending on all the items. How much money did she have at first?

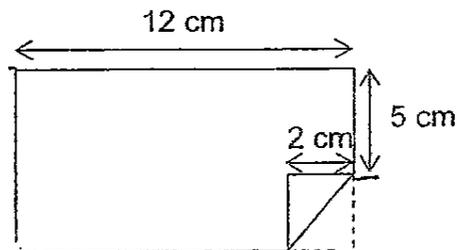
Ans : _____ [4]



- 47 The capacity of a container is $\frac{9}{12} \ell$. It contains $\frac{1}{6} \ell$ of tea. If David pours in another $\frac{1}{3} \ell$ of tea into it, how many more litres of tea is needed to fill the container to its brim? (Express your answer as a fraction in its simplest form).

Ans : _____ [4]

- 48 Joel had a rectangular piece of paper. He folded a corner of it as shown below.



- a) What was the perimeter of the piece of paper at first?
b) What was the area of the piece of paper at first?

Ans (a) : _____ [2]

(b) : _____ [2]

End of paper



EXAM PAPER 2015
 LEVEL : PRIMARY 4
 SCHOOL : RED SWASTIKA SCHOOL
 SUBJECT : MATHEMATICS
 TERM : SA1

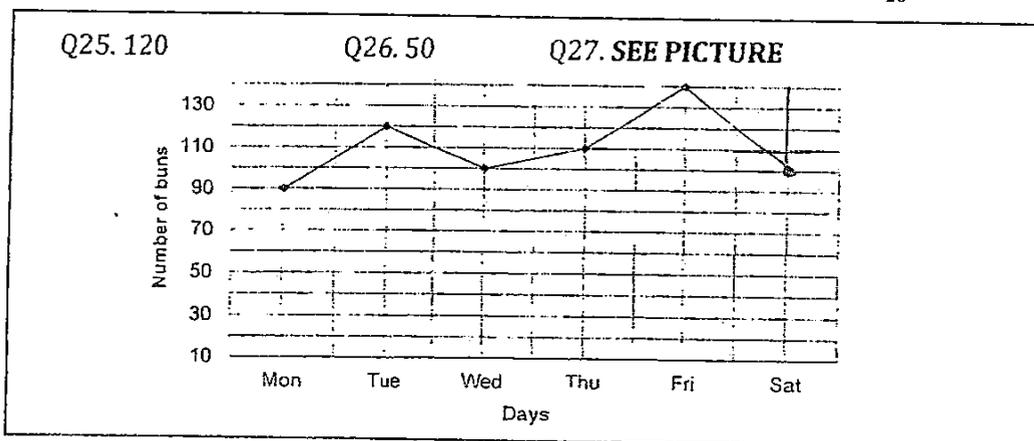
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	4	3	1	1	2	1	3	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	1	2	3	1	3	4	2	2	4

Q21. 38 406

Q22. 246

Q23. 30 and 60

Q24. $\frac{3}{10}$



Q28. 4

Q29. 4 box $\Rightarrow \frac{4}{5} \times 4 = \frac{16}{5}$, box + present $\frac{16}{5} + \frac{4}{5} = \frac{20}{5} = 4$

Q30. A, E

Q31. 63 100

Q32. 86

USUAL

4 adults $\Rightarrow 40 \times 4 = 160$, 2 children $28 \times 2 = 56$, total $160 + 56 = 216$

Promotion

4 adults $\Rightarrow 25 \times 4 = 100$, 2 children $15 \times 2 = 30$, total $100 + 30 = 130$

Q33. \$75

$4C + 1T = 550$

$1C + 1T = \$225$

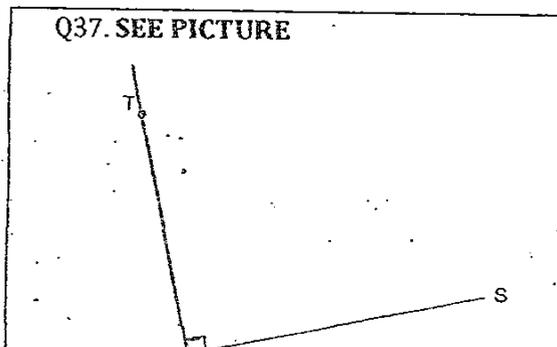
$3C \Rightarrow 550 - 325 = 225$, $1C \Rightarrow 225 \div 3 = 75$

Q34. 28

Q35. $4\frac{1}{2}$

Q36. 56°

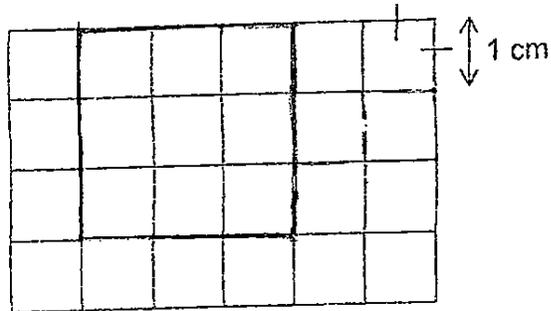
Q37. SEE PICTURE



Q38. Park

Q39. Cindy

Q40. SEE PICTURE



Q41. $72\text{m} \rightarrow 3 - 1 = 2 \text{ gap}, 1 \text{ gap} \rightarrow 16 \div 2 = 8\text{cm}, 10 - 1 = 9 \text{ gap}, 9 \rightarrow 9 \times 8 = 72$

Q42. $4\text{kg} \rightarrow 120 - 76 = 44, 44 \div 8 = 5\text{kg R } 4\text{kg}$

Q43. 1m 35cm

$4\text{m} \rightarrow 400\text{cm}, 15 + 15 + 10 = 40$

$400 - 40 = 360, 3\text{u} \rightarrow 360 \div 3 = 120, \text{N} \rightarrow 120 + 15 = 135$

Q44. \$190

$660 + 280 = 940$

$940 \div 2 = 470$

$660 - 470 = 190$

$\text{PJ} \rightarrow 280 + 190 = 470$

Q45. 465

$3 \text{ units} \rightarrow 55 + 280 = 335$

$1 \text{ unit} \rightarrow 390 \div 3 = 130$

$4\text{u} \rightarrow 130 \times 4 = 520, 520 - 55 = 465$

Q46. \$480

$3\text{u} \rightarrow 156 + 24 = 180$

$6\text{u} \rightarrow 180 \times 2 = 360$

$1\text{u} \rightarrow 180 \div 3 = 60$

$2\text{u} \rightarrow 60 \times 2 = 120$

$8\text{u} \rightarrow 360 + 120 = 480$

Q47. $\frac{1}{4}$ litre

$\frac{1}{6} = \frac{2}{12}, \frac{1}{3} = \frac{4}{12}$

Total amount of tea in container $\rightarrow \frac{2}{12} + \frac{4}{12} = \frac{6}{12}$

Amount of tea $\rightarrow \frac{9}{12} - \frac{6}{12} = \frac{3}{12} = \frac{1}{4}$

Q48a. $38\text{cm} \rightarrow 12 + 12 = 24, 38 - 24 = 14, 14 \div 2 = 7, 24 + 14 = 38$

Q48b. $84\text{cm}^2 \rightarrow 12 \times 7 = 84$

THE END

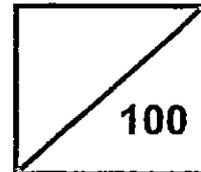
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SA1



Rosyth School
First Semestral Assessment 2015
Mathematics
Primary 4

Total



Name: _____

Class: Pr 4 - _____ Register No. _____

Duration: 1h 45 min

Date: 12 May 2015

Parent's Signature: _____

Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts, Sections A, B and C.
4. For questions 1 to 20 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
5. ANSWER ALL THE QUESTIONS.

	Maximum	Marks Obtained
Section A	40	
Section B	40	
Section C	20	
Total	100	

* This paper consists of 20 pages altogether.

Section A (40 marks)

For questions 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct ovals (1, 2, 3 or 4) onto the Optical Answer Sheet provided. Each question carries 2 marks.

1. In 51 672, the digit '6' stands for _____.

- (1) 6
- (2) 60
- (3) 600
- (4) 6 000

2. In which of the numbers below, does the digit '7' have the smallest value?

- (1) 10 407
- (2) 37 651
- (3) 40 700
- (4) 81 872

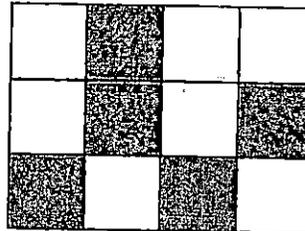
3. The product of 341 and 27 is _____.

- (1) 2 387
- (2) 8 107
- (3) 9 007
- (4) 9 207

4. The figure below is made up of identical squares.

What fraction of the figure is shaded?

- (1) $\frac{5}{7}$
- (2) $\frac{5}{12}$
- (3) $\frac{7}{12}$
- (4) $\frac{7}{5}$



5. What is the value of $\frac{1}{3} + \frac{7}{12}$?

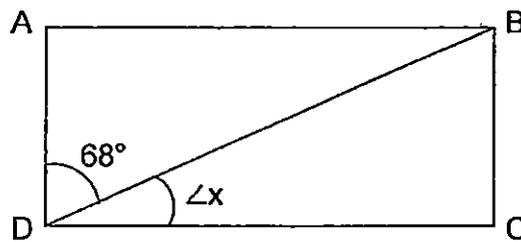
(1) $\frac{2}{3}$

(2) $\frac{8}{3}$

(3) $\frac{11}{12}$

(4) $\frac{8}{15}$

6. What is $\angle x$ in the rectangle ABCD shown below?



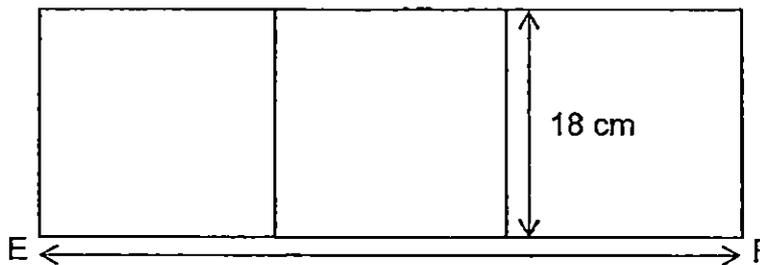
(1) 12°

(2) 22°

(3) 32°

(4) 112°

7. The figure below is made up of 3 similar squares. Find length EF.



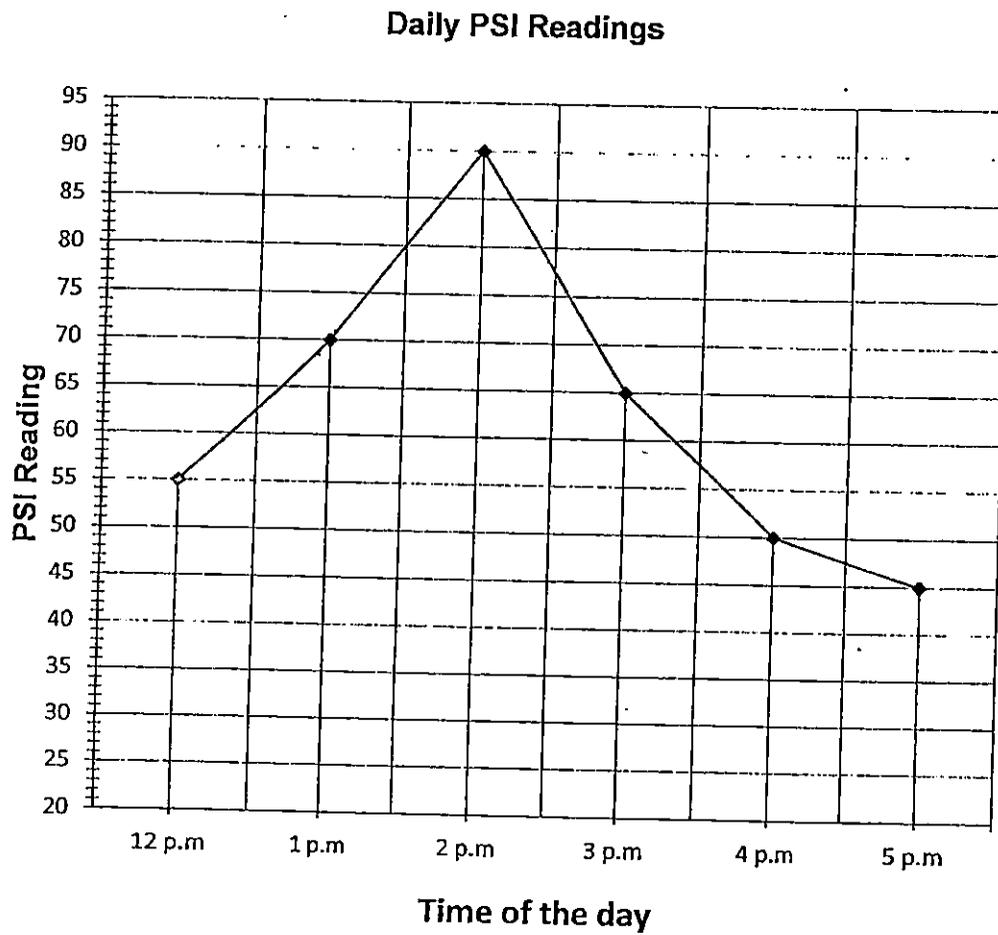
(1) 18 cm

(2) 54 cm

(3) 144 cm

(4) 180 cm

8. The line graph below shows the PSI readings for a particular day. Study it carefully and answer question 8.



What is the difference in PSI reading between 4 p.m. and 5 p.m.?

- (1) 5
- (2) 15
- (3) 20
- (4) 25

9. A square has an area of 144 cm^2 . What is the perimeter of the same square?

- (1) 12 cm
- (2) 36 cm
- (3) 48 cm
- (4) 144 cm

10. Which one of the following is a common factor of 18 and 24?

- (1) 6
- (2) 9
- (3) 12
- (4) 4

11. $40 \times 80 = \boxed{}$ tens

- (1) 32
- (2) 48
- (3) 320
- (4) 3200

12. Find the difference between the 4th multiple of 8 and the 7th multiple of 7.

- (1) 15
- (2) 17
- (3) 28
- (4) 81

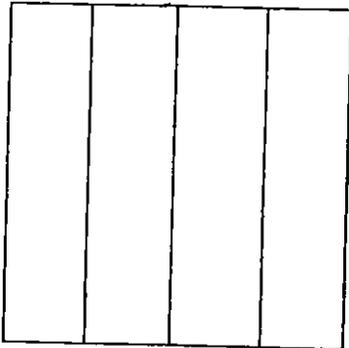
13. How many sixths are there in $6\frac{2}{3}$?

- (1) 6
- (2) 11
- (3) 20
- (4) 40

14. $\frac{3}{5}$ of a number is 15. What is the number?

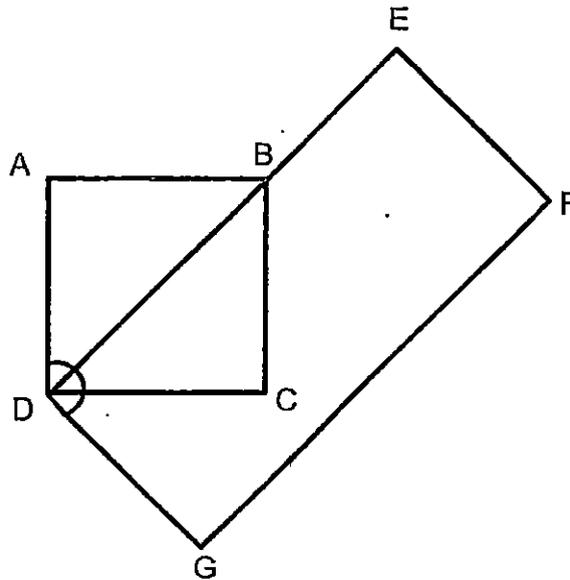
- (1) 25
- (2) 30
- (3) 45
- (4) 75

15. Adam used 4 similar rectangular strips to form a square. If the perimeter of the square is 64 cm, what is the perimeter of a rectangular strip of paper?



- (1) 16 cm
- (2) 20 cm
- (3) 40 cm
- (4) 256 cm

16. The figure below is made up of a square $ABCD$ and a rectangle $DEFG$.
Find $\angle ADG$.



- (1) 45°
(2) 90°
(3) 135°
(4) 180°
17. A number is 2 000 when rounded off to the nearest hundred.
What is the number?
- (1) 1 901
(2) 1 949
(3) 2 001
(4) 2 051
18. Jaden had 6 546 stamps.
After giving away 410 stamps, he rearranged the remaining stamps equally
into 8 albums. How many stamps were there in each album?
- (1) 767
(2) 818
(3) 6 136
(4) 6 956

19. Benjamin made 35 tarts. He gave $\frac{2}{7}$ of it to Ali.
How many tarts did he give to Ali?

- (1) 7
- (2) 10
- (3) 14
- (4) 49

20. Harris sold 8 cats, 5 hamsters and some birds.
He sold 7 more birds than hamsters.

What fraction of the total number of animals sold were hamsters?

- (1) $\frac{1}{4}$
- (2) $\frac{1}{5}$
- (3) $\frac{5}{8}$
- (4) $\frac{5}{12}$

Section B (40 marks)

For questions 21 to 40, show your working clearly in the space below each question and write your answer in the answer boxes provided. Give your answers in the units stated. Each question carries 2 marks.

21. What is the value of the digit '5' in 32 154?

22. What is the first common multiple of 6 and 8?

23. What is the missing number in the number pattern below?

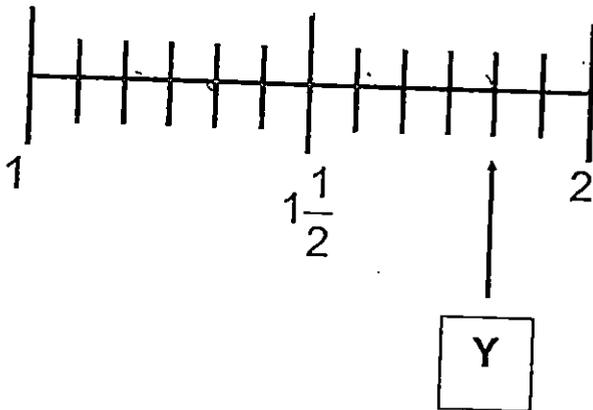
34 456, 34 756, _____, 35 356, 35 656

24. A number is 2 900 when rounded off to the nearest ten.
What is the greatest possible number?

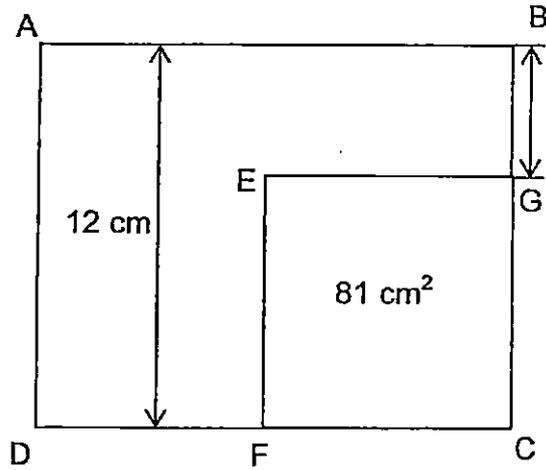
25. Express $\frac{33}{6}$ as a mixed number in its simplest form.

26. Find the value of $\frac{7}{9} - \frac{1}{3}$.

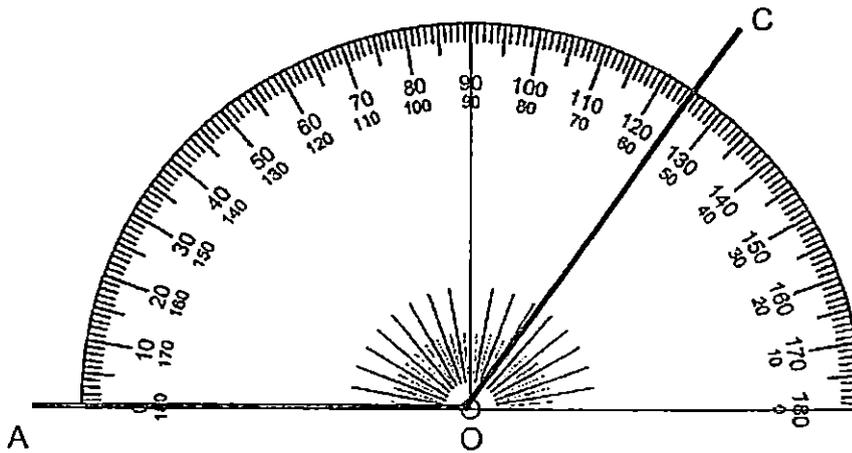
27. In the number line below, what is the value of Y?
Express your answer as a mixed number in its simplest form.



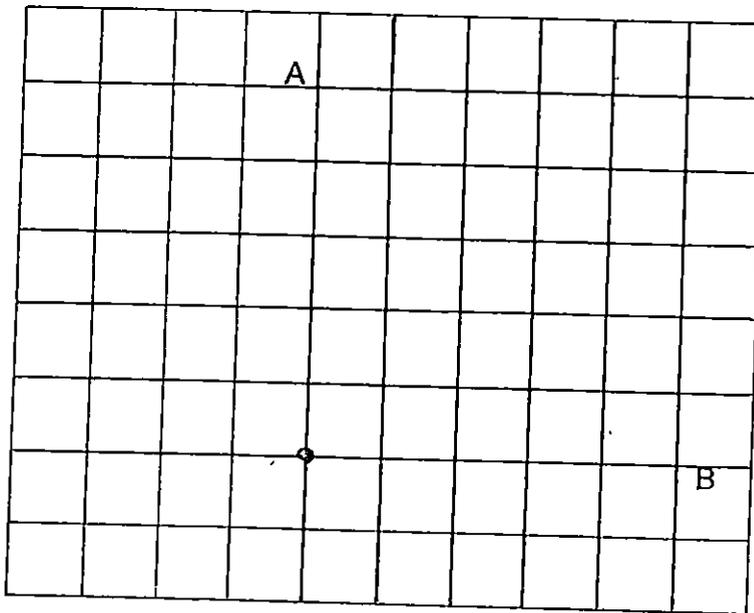
28. In the figure below (not drawn to scale), ABCD is a rectangle and EGCF is a square. The area of EGCF is 81cm^2 . Find the length of BG.


 cm

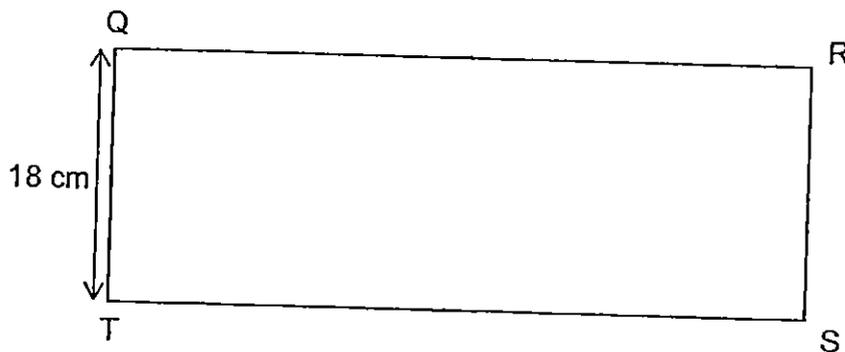
29. Find $\angle AOC$.


 °

30. AB is a straight line. Draw a line perpendicular to the line AB through the point Y.



31. The perimeter of rectangle QRST is 106 cm. What is the area of the rectangle QRST?



cm²

32. A computer costs \$ 2 120. A television cost 3 times as much as the computer. Find the cost of the television.

\$

33. Arrange the following fractions from the greatest to the smallest.

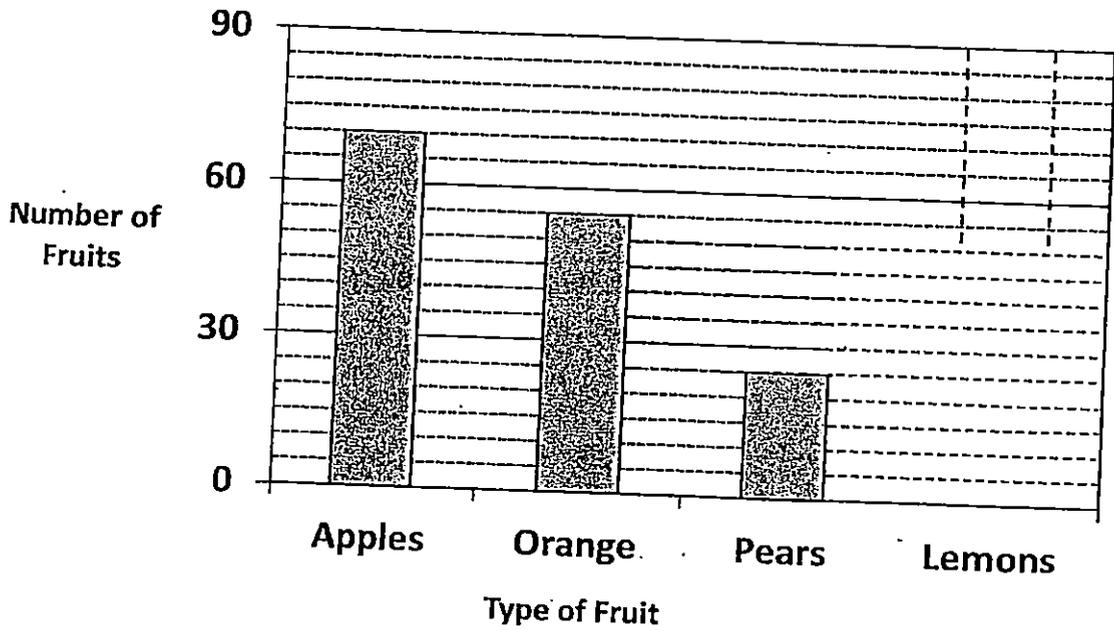
$\frac{1}{2}$, $\frac{3}{4}$, $\frac{5}{8}$

<table border="1"><tr><td></td></tr></table>		,	<table border="1"><tr><td></td></tr></table>		,	<table border="1"><tr><td></td></tr></table>	
Greatest				Smallest			

34. Jug A has $\frac{5}{6}$ ℓ of water. Jug B has $\frac{2}{3}$ ℓ of water.
Find the total amount of water in both jugs. Express your answer as a mixed number in its simplest form.

--

Using the information given in the graph below, complete the questions 35 and 36.

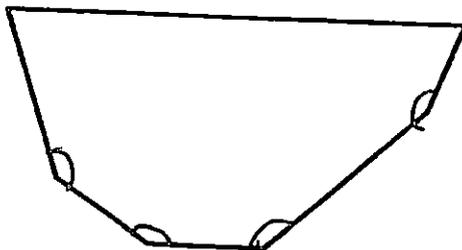


Complete the table below to show the information given above.

Fruits	Number of fruits
Apples	
Oranges	
Pears	25

The number of lemons is twice the number of pears.
Draw the bar for the number of lemons in the graph above.

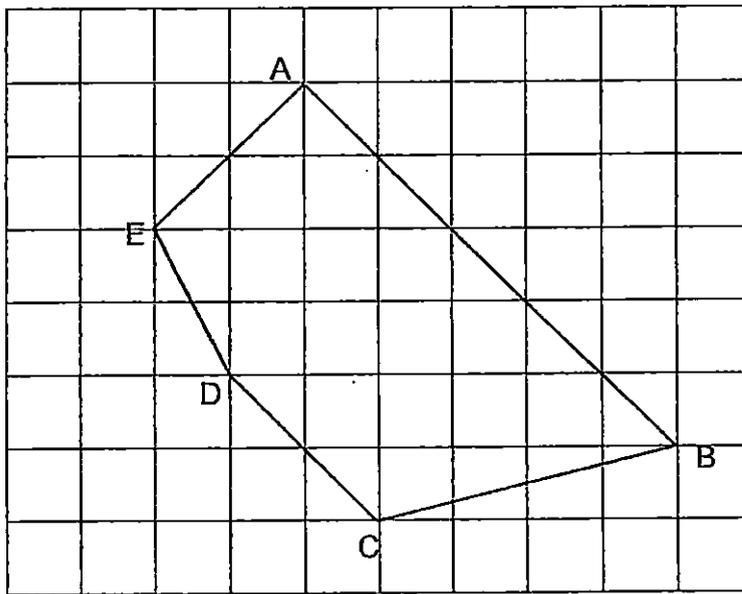
How many angles in the figure given below are more than 90° ?



38. Mrs Tan bought 4 kg of grapes. She kept 2 kg of the grapes for her sons, ate $\frac{1}{4}$ kg and gave the rest to her neighbours. How many kilograms of grapes did she give to her neighbours?

 kg

39. Name a pair of parallel lines in the figure below.



40. Stephanie had some flour in a container. She used $2\frac{1}{4}$ kg of the flour in the morning. She added 3 kg of flour into the same container in the afternoon. There was $3\frac{1}{8}$ kg of flour in the container in the end. How much flour did Stephanie have at first? Express your answer in its simplest form.

 kg

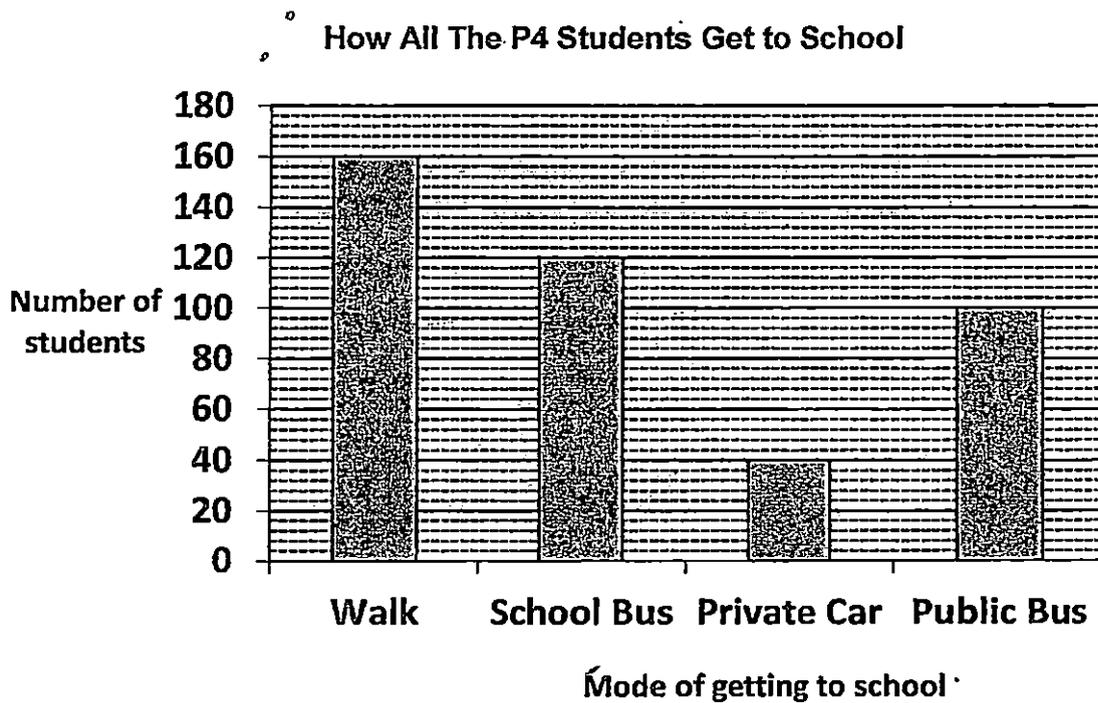
Section C (20 marks)

For questions 41 to 45, show your working clearly in the space below each question and write your answers in the blanks provided. The marks for each question or part question are given in the brackets.

41. Mr Smith saved a total of \$8 540 in 6 months.
In the first 4 months, he saved \$1 210 each month.
In the 5th month, he saved \$1 530.
How much did he save in the 6th month?

Answer: _____ (4 m)

42. The graph below shows how all the P4 students get to school.



- (a) What is the total number of students in P4?
- (b) Some students who walk to school changed to take the private car instead. The number of students who walk to school became three times as many as the number of students who take the private car. How many P4 students take the private car to school now?

Answer: a) _____ (1 m)

b) _____ (3 m)

43. There are some pineapple tarts in a container.
The pineapple tarts can be put into plates of 4 or 8 with no pineapple tarts leftover.
When the pineapple tarts are put into plates of 6, there are short of 2 pineapple tarts on the last plate.
If there are more than 50 pineapple tarts but less than 70 pineapple tarts, how many pineapple tarts are there in the container?

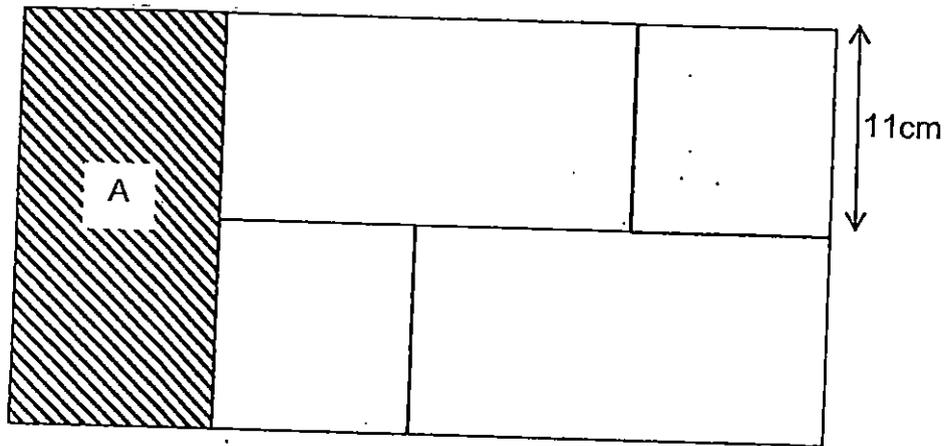
Answer: _____ (4 m)

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44. Erliana had a sum of money. She spent $\frac{1}{8}$ of her money on toys and $\frac{1}{2}$ of her money on books. She had \$60 left after buying all the items. How much did she spend on the toys?

Answer: _____ (4 m)

45. Stanley used 3 similar rectangles and 2 similar squares to make the figure below (not drawn to scale).



- (a) Find the area of A.
(b) Find the area of the figure.

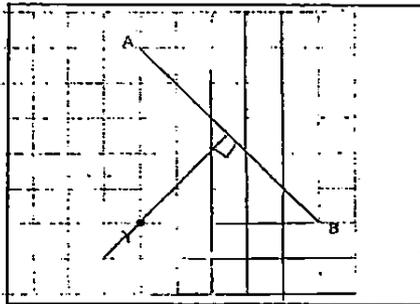
Answer: (a) _____ (2m)
(b) _____ (2m)

~END OF PAPER~
Have you checked your work thoroughly?

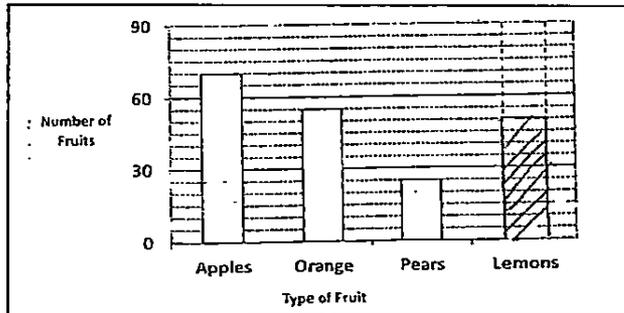
EXAM PAPER 2015
 LEVEL : PRIMARY 4
 SCHOOL : ROYSTH SCHOOL
 SUBJECT : MATHS
 TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	1	4	2	3	2	2	1	3	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	2	2	3	2	3	3	1	2	1

Q21. 50. Q22. 24. \rightarrow 6,12,28,24,30, 8,16,24. Q23. 35056. \rightarrow 34756 + 300 = 35056. Q24. 2904.
 Q25. $5\frac{1}{2}$. \rightarrow $\frac{33}{6} = 5\frac{3}{6}$, $5\frac{3}{6} = 5\frac{1}{2}$. Q26. $\frac{4}{9}$. \rightarrow $\frac{1}{3} = \frac{3}{9}$, $\frac{7}{9} - \frac{3}{9} = \frac{4}{9}$
 Q27. $1\frac{5}{6}$, Q28. 3cm. \rightarrow $9 \times 9 = 81$, $12 - 9 = 3$, Q29. 125° .
 Q30. SEE PICTURE



Q31. $630\text{cm}^2 \rightarrow 18 \times 2 = 36$, $70 \div 2 = 35$, $35 \times 18 = 630$. Q32. \$6360 \rightarrow $2120 \times 3 = 6360$. Q33. $\frac{3}{4}, \frac{5}{8}, \frac{1}{2}$
 Q34. $1\frac{1}{2}$ litre, $\frac{5}{6} + \frac{2}{3} = \frac{5}{6} + \frac{4}{6} = \frac{9}{6}$. Q35. 70, 55, 25.
 Q36. SEE PICTURE



Q37.4. Q38. $1\frac{3}{4}\text{kg} \rightarrow 4 - 2 = 2$, $2 - \frac{1}{4} = 1\frac{3}{4}$. Q39. AB parallel to DC.
 Q40. $2\frac{3}{8}\text{kg} \rightarrow 3\frac{3}{8} - 3 = \frac{3}{8}$ (before adding 3kg), $2\frac{3}{4} = 2\frac{2}{8}$, $2\frac{2}{8} + \frac{1}{8} = 2\frac{3}{8}$
 Q41. \$2170. \rightarrow 4 months = $1210 \times 4 = 4840$, 5th + 4th month = $4840 + 1530 = 6370$, 6th month = $8540 - 6370 = 2170$.
 Q42. a) 420 \rightarrow a) $160 + 120 = 40 + 100 = 420$, b) 50 \rightarrow $160 - 10 = 150$, $40 + 10 = 50$

Q43. 64 pineapples.

4	52	56	60	64	68
8	56	64			
6	54	60	66		
-2	52	58	64		

Q44. $\$20 \cdot \frac{1}{2} = \frac{4}{8}$, Toys = $\frac{1}{8}$, books = $\frac{4}{8}$, altogether = $\frac{4}{8} + \frac{1}{8} = \frac{5}{8}$, $\frac{3}{8}$ of her money = 60, $\frac{1}{8}$ of her money = $60 \div 3 = 20$.
 Q45. a) $242\text{cm}^2 \rightarrow 11 \times 2 = 22$, $11 \times 22 = 242$. b) $968\text{cm}^2 \rightarrow 11 \times 3 = 33$, $33 \times 22 = 726$, $726 + 242 = 968$.

SA1



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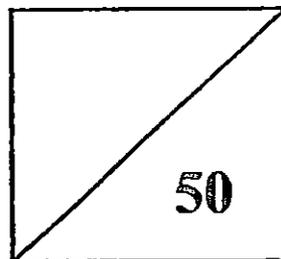
Class : Primary 4 _____

Date : 12 May 2015

Setter : Mdm Cecilia Ang

SEMESTRAL ASSESSMENT 1 2015 MATHEMATICS

PAPER 1



TOTAL TIME FOR PAPER 1: 1 hour 15 minutes

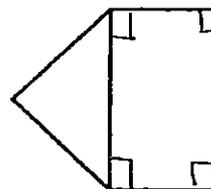
30 questions

50 marks

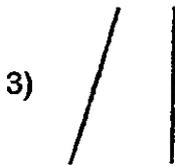
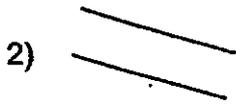
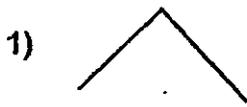
- ▣ DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- ▣ READ ALL THE INSTRUCTIONS CAREFULLY.
- ▣ ANSWER ALL THE QUESTIONS.

Questions 1 to 10 carry 1 mark each. Questions 11 to 20 carry 2 marks each. For each question, four options are given. One of these is the correct answer. Make your choice (1, 2, 3 or 4) and shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet. (30 marks)

1. Which number has the digit 9 in the ten thousands place?
 - 1) 49 625
 - 2) 57 910
 - 3) 72 493
 - 4) 90 518
2. When 6049 is divided by 5, what is the remainder?
 - 1) 1
 - 2) 2
 - 3) 3
 - 4) 4
3. Express $2\frac{3}{8}$ as an improper fraction.
 - 1) $\frac{13}{8}$
 - 2) $\frac{14}{8}$
 - 3) $\frac{19}{8}$
 - 4) $\frac{26}{8}$
4. Through how many right angles does the minute hand of a clock turn in 30 minutes?
 - 1) 1
 - 2) 2
 - 3) 3
 - 4) 4
5. You start by facing south-east. Turn clockwise through 225° . Which direction are you facing now?
 - 1) North
 - 2) North-west
 - 3) South-west
 - 4) West
6. The figure below is made up of a rectangle and a triangle. How many pairs of perpendicular lines can you find in this figure?
 - 1) 7
 - 2) 6
 - 3) 5
 - 4) 4

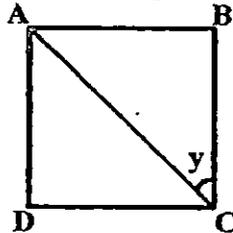


7. Which of the following shows a pair of parallel lines?



8. In the figure below, not drawn to scale, ABCD is a square. Find $\angle y$.

- 1) 35°
- 2) 40°
- 3) 45°
- 4) 50°

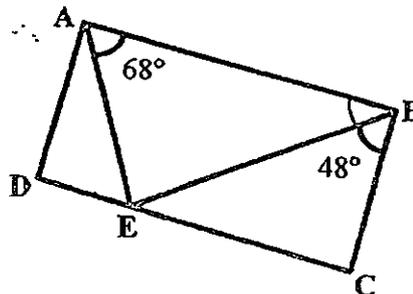


9. The side of a square is 6 cm. What is its area?

- 1) 24 cm^2
- 2) 36 cm^2
- 3) 48 cm^2
- 4) 72 cm^2

10. In the figure below, not drawn to scale, ABCD is a rectangle. Find $\angle EBA$.

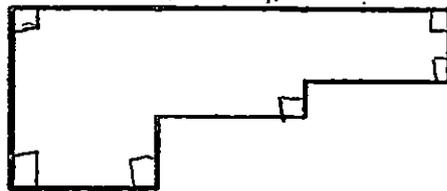
- 1) 20°
- 2) 22°
- 3) 42°
- 4) 116°



11. Which of the following is a common factor of 15 and 24?
- 1) 7
 - 2) 2
 - 3) 3
 - 4) 4
12. Jennifer has \$240. This amount is thrice the amount of money Devi has. How much does Devi have?
- 1) \$80
 - 2) \$237
 - 3) \$243
 - 4) \$720
13. Aini wrote a fraction on a piece of paper. The fraction is greater than $\frac{1}{2}$ but less than $\frac{5}{8}$. Which of the following is most likely the fraction she wrote?
- 1) $\frac{5}{7}$
 - 2) $\frac{7}{16}$
 - 3) $\frac{13}{24}$
 - 4) $\frac{16}{32}$
14. Which of the following best describes the fraction of a turn the hour hand of a clock turns through from 1 p.m. to 8 p.m. on the same day?
- 1) Less than $\frac{1}{4}$ -turn
 - 2) More than $\frac{1}{4}$ -turn but less than $\frac{1}{2}$ -turn
 - 3) More than $\frac{1}{2}$ -turn but less than $\frac{3}{4}$ -turn
 - 4) More than $\frac{3}{4}$ -turn
15. The area of a rectangle is 270 cm^2 . Its breadth is 9 cm. Find its perimeter.
- 1) 30 cm
 - 2) 39 cm
 - 3) 78 cm
 - 4) 120 cm

16. How many right angles can you find inside the figure shown below?

- 1) 5
- 2) 6
- 3) 7
- 4) 8



17. Jim bought some stickers. He gave $\frac{2}{5}$ of them to Jerry. If he gave 18 stickers to Jerry, how many stickers had he left?

- 1) 9
- 2) 27
- 3) 36
- 4) 45

18. Renee bought a cake. What fraction of the cake should she eat so that the fraction of the cake left would be more than $\frac{7}{8}$ of the cake?

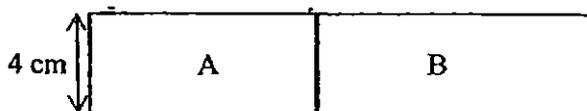
- 1) $\frac{1}{6}$
- 2) $\frac{1}{7}$
- 3) $\frac{1}{8}$
- 4) $\frac{1}{9}$

19. A cup costs \$18. A water bottle costs $\frac{2}{3}$ as much as the cup. What is the cost of the water bottle?

- 1) \$12
- 2) \$20
- 3) \$30
- 4) \$36

20. The figure below is made up of rectangles A and B with a total area of 56 cm^2 . The area of rectangle A is 20 cm^2 . What is the length of rectangle B?

- 1) 5 cm
- 2) 8 cm
- 3) 9 cm
- 4) 10 cm



Questions 21 to 30 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. **(20 marks)**

21. Write eighteen thousand and fifty-two in figures.

Ans: _____

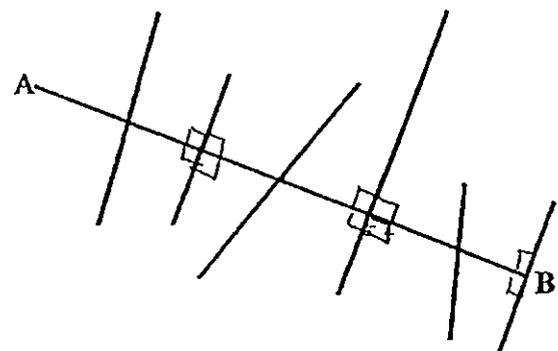
22. Find the product of 4729 and 9.

Ans: _____

23. Construct $\angle XYZ$ such that it is equal to 120° . Mark \overline{and} label the angle.

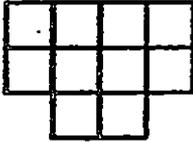


24. In the figure below, how many lines are perpendicular to AB?



Ans: _____

25. How many squares can you see in the figure below?



Ans: _____

26. Add the largest 4-digit number to the smallest 4-digit number. What is the value of the digit in the thousands place?

Ans: _____

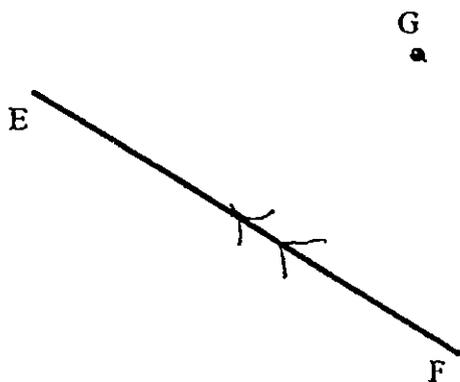
27. Ray weighs 38 kg. His father is twice as heavy as he. His mother is 20 kg lighter than his father. What is his mother's mass?

Ans: _____ kg

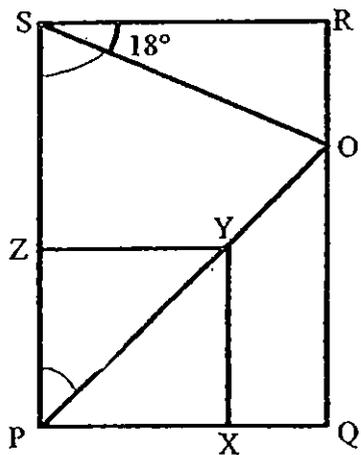
28. 8 boys stood $\frac{1}{10}$ m apart from one another in a straight line. What was the distance between the 2nd and the 4th boys in the line? Express your answer in its simplest form.

Ans: _____ m

29. Use a set-square and a ruler to draw a line parallel to the line EF through the point G.



30. In the figure below, not drawn to scale, PQRS is a rectangle and XYZP is a square. OS and OYP are straight lines. What is the sum of $\angle OSP$ and $\angle ZPY$?



Ans: _____

End of Paper 1



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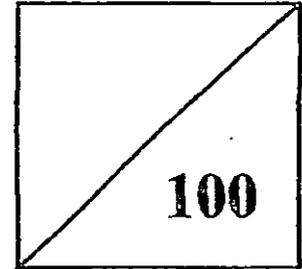
Total Marks
Papers 1 & 2

Level : Primary Four

Class : Primary 4 _____

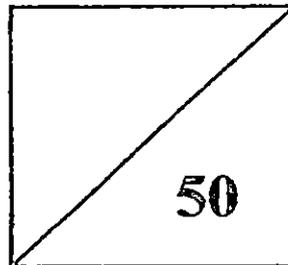
Date : 12 May 2015

Setter : Mrs Chua Yee Ling



SEMESTRAL ASSESSMENT 1 2015 MATHEMATICS

PAPER 2



TOTAL TIME FOR PAPER 2: 1 hour 30 minutes

18 questions

50 marks

- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.

Questions 1 to 10 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. **(20 marks)**

1. Tom is thinking of a number which is a multiple of 3 and 5. It is greater than 50 but less than 70. What is the number that he is thinking of?

Ans: _____

2. Harry wrote a 5-digit number on a piece of paper. The number when rounded off to the nearest 1000 was 12 000. What was the greatest possible number that he had written?

Ans: _____

3. Mr Lee spent \$3100 on a tour while Mr Yeo spent 3 times as much as Mr Lee. How much did they spend altogether?

Ans: \$ _____

4. A shopkeeper had 100 cartons of canned drinks. In each carton, there were 30 canned drinks. He sold 46 cartons. How many canned drinks were left?

Ans: _____

5. Jenny mixed $\frac{7}{8}$ kg of flour with $\frac{3}{4}$ kg of sugar. What was the mass of the mixture?

Ans: _____ kg

6. Kimberly had \$28. She spent $\frac{3}{7}$ of it. How much money did she have left?

Ans: \$ _____

7. Dany had some packets of biscuits. He gave away 20 packets and had $\frac{3}{5}$ of the packets left. How many packets of biscuits did he have at first?

Ans: _____

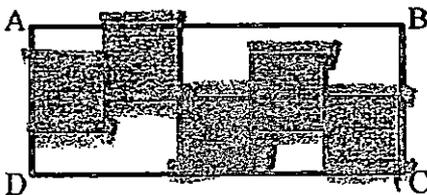
8. Kenneth made a clockwise $\frac{3}{4}$ -turn and ended up facing the south-west direction. Which direction was he facing before he made the turn?

Ans: _____

9. A square has the same perimeter as a rectangle measuring 5 cm by 3 cm. What is the area of the square?

Ans: _____ cm^2

10. The picture below shows a rectangle ABCD and five 10-cm squares. What is the area of the rectangle that is not covered by the squares?



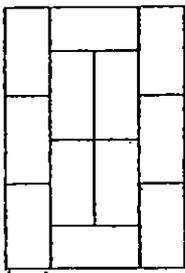
Ans: _____ cm^2

For Questions 11 to 18; show your working clearly and write your answers clearly in the spaces provided. The number of marks available is shown in the brackets [] at the end of each question or part-question. (30 marks)

11. There are some yellow and red files on a shelf. $\frac{5}{8}$ of them are yellow. There are 60 red files.
How many files are there on the shelf?

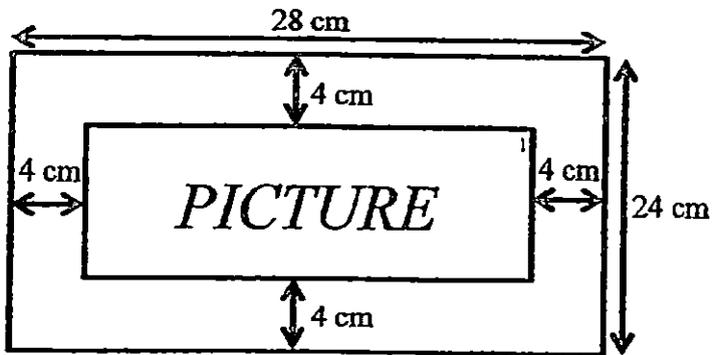
Ans: _____ [3]

12. 12 identical rectangles are put together to form a bigger rectangle as shown in the picture below. The length of each smaller rectangle is 6 m. What is the area of the whole figure?



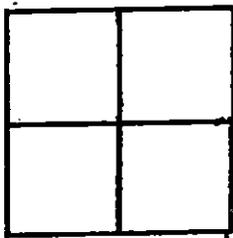
Ans: _____ [3]

13. Linda pasted a picture on a cardboard, measuring 28 cm by 24 cm, leaving a border of 4 cm width around it. She then pasted 2-cm gold square stickers on the border to decorate the border. None of the stickers overlapped one another. How many of such stickers did she paste on the border?



Ans: _____ [3]

14. A worker has to draw 4 squares on the floor of a hall as shown below. The 4 squares will cover an area of 100 cm^2 . Find the total length of all the lines that he will draw.

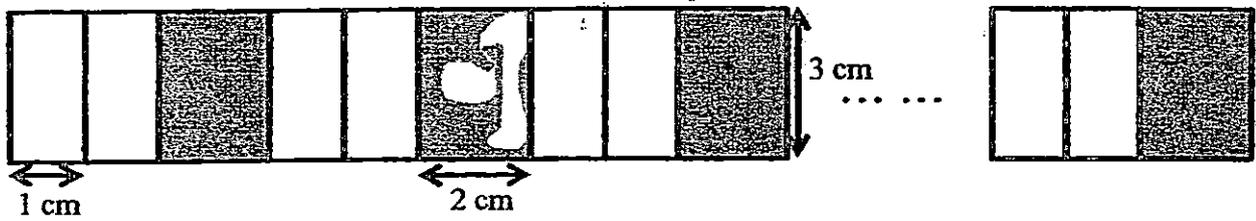


Ans: _____ [3]

-
15. Ricky bought 5 cups and 4 plates for \$32. Kelly bought 3 cups and 2 bowls for \$24. Each bowl cost twice as much as a plate. Find the cost of 1 plate.

Ans: _____ [4]

16. Joe used 2 different colours and sizes of rectangular strips of paper to form a bigger rectangle as shown in the picture below. The area of the bigger rectangle formed was 936 cm^2 . None of the rectangular strips overlapped one another. How many strips of paper did he use to form the bigger rectangle?



Ans: _____ [4]

17. There are 500 marbles in Tank A and Tank B. If 15 marbles are moved from Tank A to Tank B, there will be 20 more marbles in Tank B than in Tank A. How many marbles are there in each tank?

Ans: Tank A: _____

Tank B: _____ [5]

18. Three boxes contain a total of 200 picture cards. The first box contains 50 more cards than the second box. The third box contains $\frac{1}{2}$ of the number of cards in the second box.
- a) How many cards are there in the second box?
 - b) How many more cards are there in the first box than in the third box?

Ans: a) _____ [3]

b) _____ [2]

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : RULANG PRIMARY SCHOOL

SUBJECT : MATHEMATICS

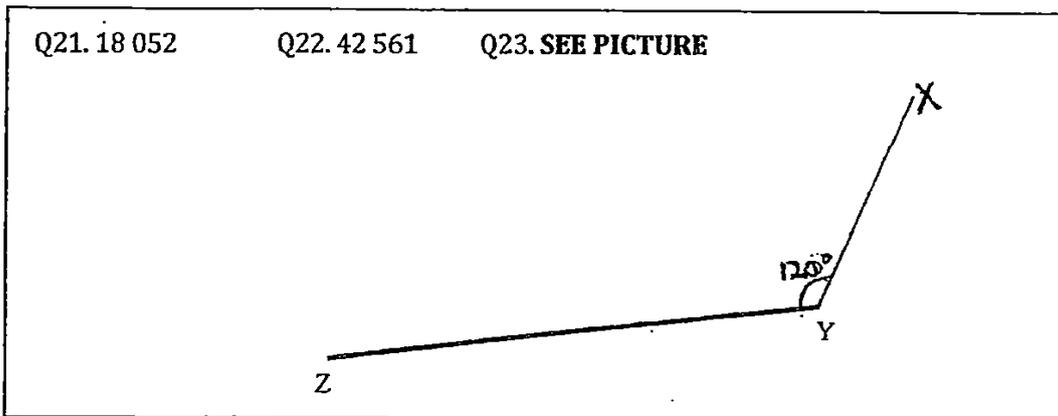
TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	4	3	2	1	4	2	3	2	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	1	3	3	3	2	2	4	1	3

Q21. 18 052

Q22. 42 561

Q23. SEE PICTURE



Q24. 3 lines

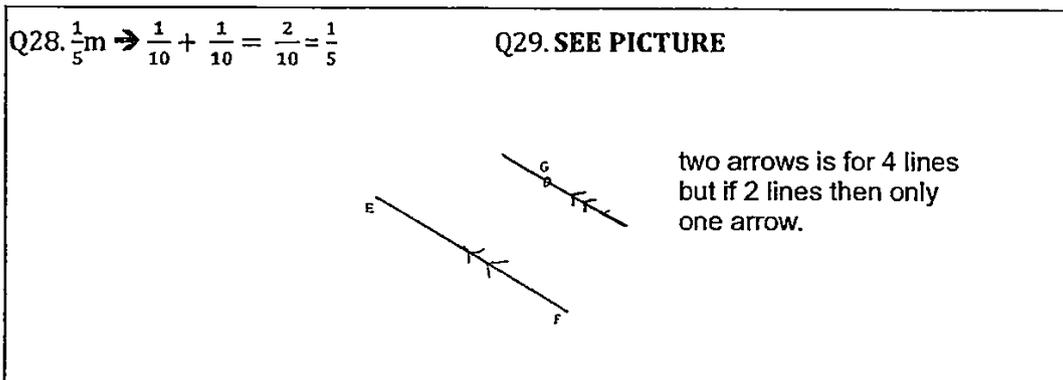
Q25. 14 squares $\rightarrow \square \rightarrow 10, \text{田} \rightarrow 4, 10 + 4 = 14$

Q26. 0 $\rightarrow 1000 + 9999 = 10999$

Q27. 56kg $\rightarrow 38 \times 2 = 76, 76 - 20 = 56$

Q28. $\frac{1}{5}m \rightarrow \frac{1}{10} + \frac{1}{10} = \frac{2}{10} = \frac{1}{5}$

Q29. SEE PICTURE



Q30. $117, 90 \div 2 = 45, 90 - 18 = 72, 72 + 45 = 117$

Q1. $60 \rightarrow 3 \times 5 = 15, 15 \times 4 = 60$ Q2. 12 499

Q3. \$12 400 $\rightarrow 3100 \times 4 = 12 400$

Q4. 1620 $\rightarrow 100 - 46 = 54, 54 \times 30 = 1620$

Q5. $1\frac{5}{8}kg \rightarrow \frac{3}{4} \times 2 = \frac{6}{8}, \frac{6}{8} + \frac{7}{8} = \frac{13}{8} = 1\frac{5}{8}$

Q6. \$16 → $28 \div 7 = 4$, $7 - 3 = 4$, $4 \times 4 = 16$

Q7. 50 packets of biscuits. → $5 - 3 = 2$, $20 \div 2 = 10$, $10 \times 5 = 50$

Q8. North West

Q9. 16 → $5 + 5 + 3 + 3 = 16$, $16 \div 4 = 4$, $4 \times 4 = 16$

Q10. 500cm²

$10 \times 5 = 50$, $10 \times 2 = 20$, $50 \times 20 = 1000$, $10 \times 10 = 100$, $100 \times 5 = 500$

Q11. 160 files altogether → $8 - 5 = 3$, $60 \div 3 = 20$, $20 \times 8 = 160$.

Q12. 216m²

$6 \times 3 = 18$, $6 \times 2 = 12$,

$18 - 12 = 6$, $6 \div 2 = 3$, $6 + 3 + 3 = 12$,

$12 \times 18 = 216$

Q13. 88 stickers.

$28 \times 24 = 672$, $4 + 4 = 8$, $28 - 8 = 20$, $24 - 8 = 16$,

$20 \times 16 = 320$, $672 - 320 = 352$,

$2 \times 2 = 4$, $352 \div 4 = 88$.

Q14. 60cm → $10 \times 10 = 100$, $10 \times 6 = 60$

Q15. \$3 → $32 - 24 = 8$, $8 \div 2 = 4$, $5 \times 4 = 20$, $32 - 20 = 12$, $12 \div 4 = 3$

Q16. 234 strips of paper.

$3 \times 1 = 3$, $3 \times 2 = 6$, $2 \times 3 = 6$, $6 + 6 = 12$,

$936 \div 12 = 78$, $78 \times 3 = 234$

Q17. Tank A : 255 marbles

$20 - 15 = 5$, $15 + 5 = 20$, $500 - 20 = 480$,

$480 \div 2 = 240$, $240 + 15 = 255$

Q17. Tank B: 245 marbles → $240 + 5 = 245$

Q18a. 60 cards → $200 - 50 = 150$, $150 \div 5 = 30$, $30 \times 2 = 60$.

Q18b. 80 more cards → $30 + 50 = 80$

SA1

SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2015

PRIMARY 4

MATHEMATICS

BOOKLET A

Name :

Parent's Signature

There are 15 questions in this booklet.
SECTION A

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

This question paper consists of 7 printed pages. (Inclusive of cover page)

Section A: (30 marks)

Questions 1 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. Which number below is 100 more than 2789?

- (1) 2689
- (2) 2799
- (3) 2889
- (4) 3789

2. $62\ 405 = 60\ 000 + \underline{\hspace{2cm}} + 400 + 5$

- (1) 200
- (2) 2
- (3) 2000
- (4) 20 000

3. Find the sum of the first 3 multiples of 4.

- (1) 7
- (2) 12
- (3) 24
- (4) 40

4. A number when rounded off to the nearest 100 is 3900. The smallest possible whole number is _____.

- (1) 3840
- (2) 3850
- (3) 3910
- (4) 3950

5. 6 is a common factor of _____.

- (1) 2 and 3
- (2) 12 and 32
- (3) 16 and 26
- (4) 24 and 30

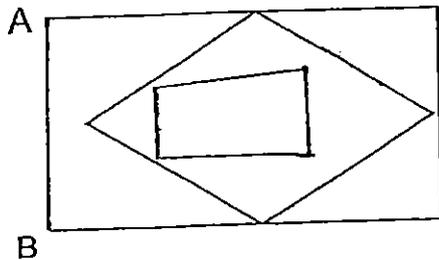
W H F E

6.

Which one of the following letters does not have perpendicular lines in it?

- (1) W
- (2) H
- (3) F
- (4) E

7. In the figure below, how many lines are parallel to line AB?



- (1) 1
- (2) 2
- (3) 3
- (4) 4

8. $\frac{1}{4} + \frac{1}{3} = \square$

(1) $\frac{1}{12}$

(2) $\frac{1}{7}$

(3) $\frac{2}{7}$

(4) $\frac{7}{12}$

9. The difference between $6\frac{1}{3}$ and $\frac{4}{9}$ is _____.

(1) $5\frac{8}{9}$

(2) $6\frac{1}{9}$

(3) $6\frac{3}{6}$

(4) $6\frac{7}{9}$

10. There are 50 spectators in the stadium. $\frac{1}{5}$ of them are boys and $\frac{1}{2}$ of them are girls and the rest are adults. How many adults are there?

(1) 10

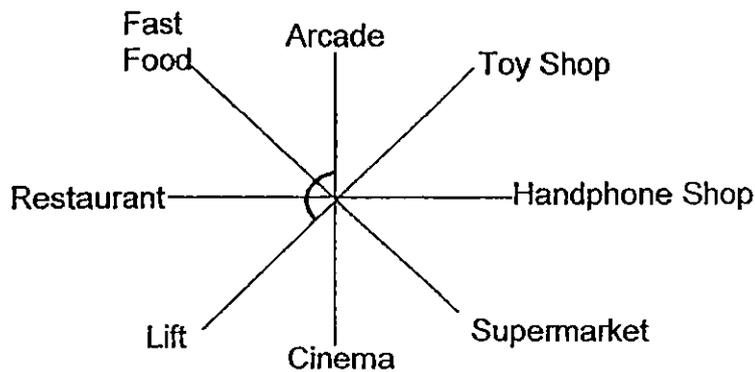
(2) 15

(3) 25

(4) 35

11. The length of a rectangular room is 14 m. Its breadth is half its length. Find the area of the rectangular room.
- (1) 7 m^2
 - (2) 42 m^2
 - (3) 49 m^2
 - (4) 98 m^2

12. Melissa is facing the lift. She turns 135° in a clockwise direction. What will she be facing now?



- (1) Arcade
 - (2) Handphone Shop
 - (3) Fast Food
 - (4) Toy Shop
13. Sweets are sold in packets of 8. Jenny wants to give 2 sweets each to 33 children. How many packets of sweets should she buy?
- (1) 8
 - (2) 9
 - (3) 41
 - (4) 66

14. The total cost of a smartphone and a tablet is \$1300. The tablet costs \$340 more than the smartphone. What is the cost of the smart phone?

- (1) \$140
- (2) \$480
- (3) \$820
- (4) \$960

15. Find the missing number in the number pattern below.

1, 4, 9, 16, , 36

- (1) 23
- (2) 24
- (3) 25
- (4) 26

SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2015

PRIMARY 4

MATHEMATICS

BOOKLET B

Name :

Class :

		Marks attained	Max Mark
Booklet A	Section A		30
Booklet B	Section B		40
	Section C		30
Total			100

Parent's Signature

There are 28 questions in this booklet.
SECTION B and C

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.

This question paper consists of 13 printed pages. (Inclusive of cover page)

Section B: (40 marks)

Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write
in this column

16. What is the second common multiple of 4 and 8?

Ans : _____

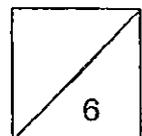
17. Arrange the numbers below in order, beginning with the greatest.

23 369 , 36 892 , 23 396 , 38 692

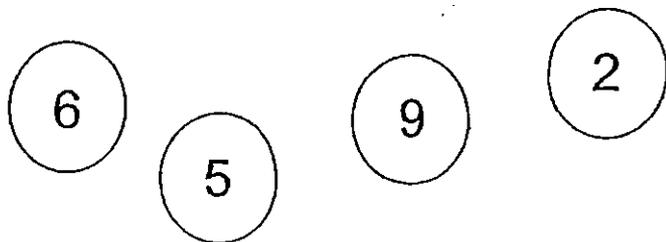
_____	,	_____	,	_____	,	_____
Greatest						Smallest

18. How many quarters are there in 4 wholes?

Ans :



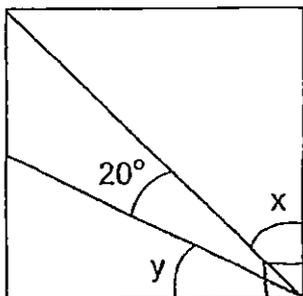
19.



Arrange these numbers to form the greatest 4-digit **odd** number.

Ans : _____

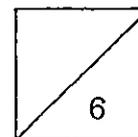
20. The figure below is not drawn to scale. It is a square. Find the sum of the value of $\angle x$ and $\angle y$.



Ans : _____^o

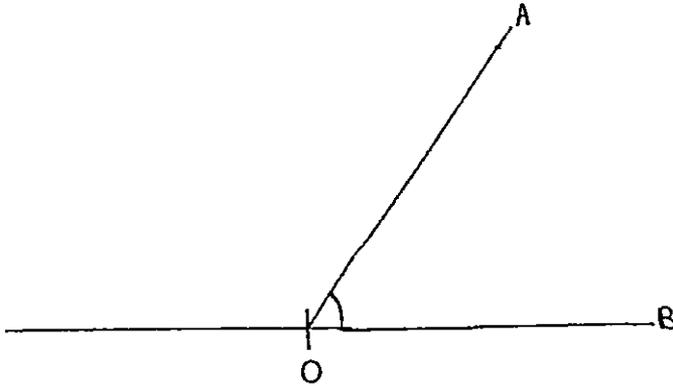
21. A travel fair drew 96 000 people on the first day. Half of that number visited the travel fair on the second day. Find the number of people that visited the travel fair on both days.

Ans : _____

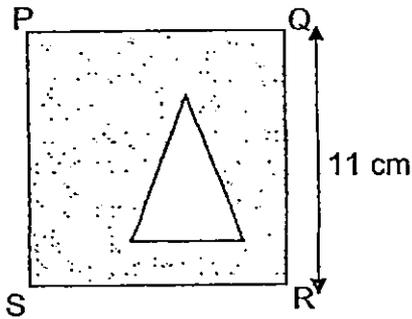


22. Using a protractor, label and draw an angle of 55° such that $\angle AOB = 55^\circ$.

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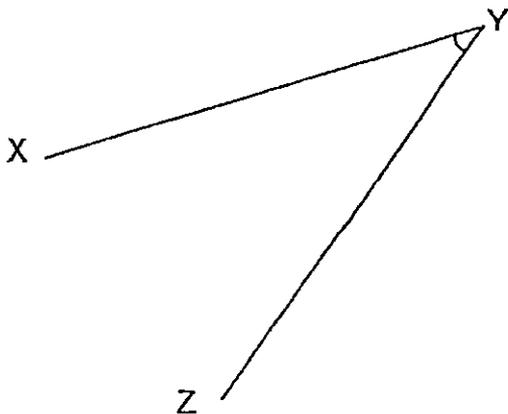


23. PQRS is a square of side 11 cm. The triangle has an area of 45 cm^2 . What is the area of the shaded part?

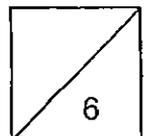


Ans : _____ cm^2

24. Measure $\angle XYZ$.

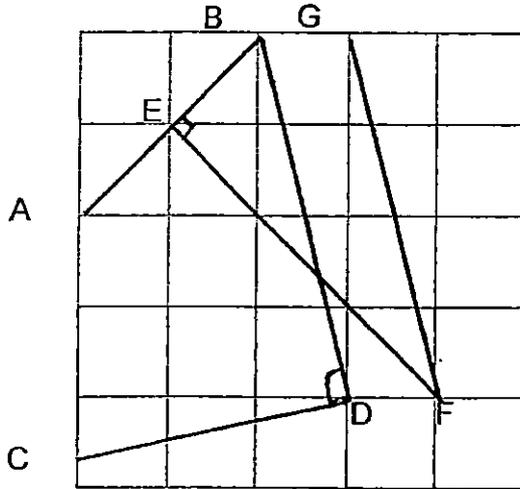


Ans : _____ $^\circ$



25: How many pairs of perpendicular lines are there in the figure?

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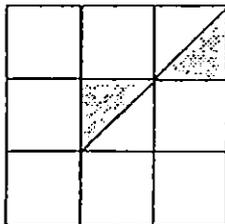


Ans : _____

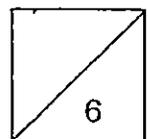
26. Find the value of $\frac{5}{12} \times 3$. Express your answer in the simplest form.

Ans : _____

27. The figure, not drawn to scale, is made up of 9 small squares. How many more squares must be shaded so that $\frac{2}{3}$ of the figure is shaded?



Ans : _____

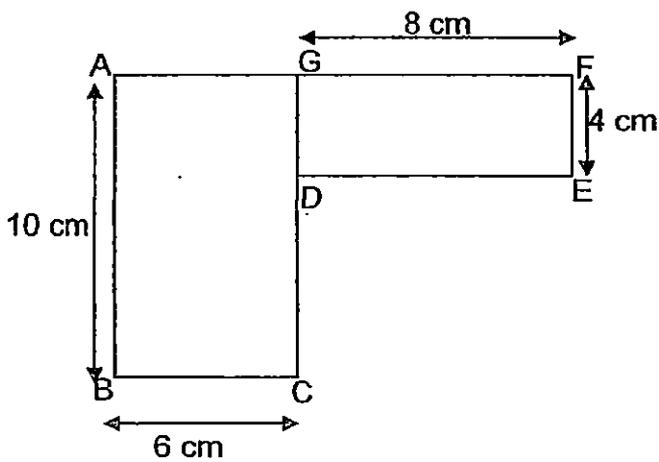


28. $\frac{1}{2} + \frac{1}{4} + \frac{3}{4} = \square$ Express your answer in the simplest form.

Do not write
in this column

Ans _____

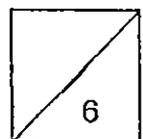
29. The figure is not drawn to scale. It is made up of 2 rectangles, ABCG and EFGD. The line DC is equal to the line DE. What is the total area of the figure as shown below.



Ans: _____ cm²

30. Regina has \$146. Her parents give her \$54 more. If Regina saves $\frac{3}{10}$ of her money, how much money did she save?

Ans : \$ _____

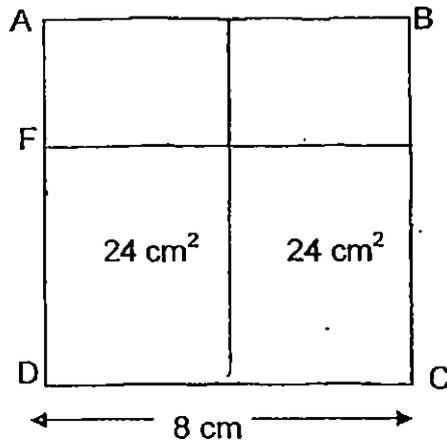


31. Marvin had a piece of cloth measuring 20 cm by 9 cm. He wanted to cut out smaller squares measuring 3 cm by 3 cm from it. What is the maximum number of smaller squares that can be cut from the piece of cloth?

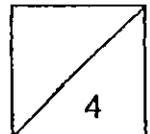
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Ans : _____

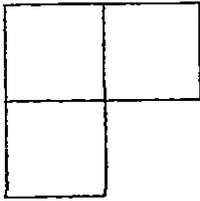
32. The following figure shows 4 rectangles inside square ABCD. The length of DC is 8 cm. Find the length of DF.



Ans : _____ cm



33. Three identical squares are used to form the figure below. The area of each identical square is 16 cm^2 . Find the perimeter of the figure.



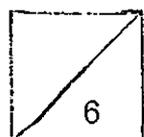
Ans: _____ cm

34. Nicki is 9 years older than Johnny.
11 years ago, the sum of their age was 63.
How old is Johnny now?

Ans : _____

35. A group of children lined up in 8 rows in the field for morning assembly. There was equal number of children in each row. Royston was in one of the rows. In his row, he was fifth from the front and third from the back. How many children were there in the field altogether?

Ans : _____



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Section C: (30 marks)

For questions 36 to 43, show your working clearly in the space provided for each question and write your answer in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

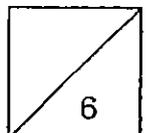
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-
36. 814 people attended a concert. There were 278 children. There were 136 more women than men. How many men were there?

Ans: _____ [3]

-
37. Fiona spent $\frac{1}{5}$ of her money on a dress and \$39 on a bag. If she had \$121 left, how much money did she have at first?

Ans: _____ [3]



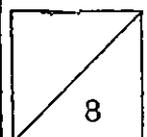
Do not write
in this column

- 38 A watch cost \$20 more than a pair of shoes. Mrs Tan bought 2 watches and 3 pairs of shoes. The total amount spent is \$550. What is the cost of a watch and a pair of shoes?

Ans: _____ [4]

-
39. There are 9 containers and 8 packets of sweets. There are 291 sweets in total. Each packet contains 15 sweets. How many sweets are there in each container?

Ans: _____ [4]

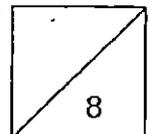


40. Raymond had \$350. If he spent \$50 on books and some of his money on bags, he would be left with $\frac{3}{5}$ of his money. How much did he spend on bags?

Ans: _____ [4]

-
41. $\frac{1}{3}$ of the animals on a farm were ducks. $\frac{1}{4}$ of them were geese and the rest were chickens. There were 1200 ducks, geese and chickens altogether. How many more chickens than geese are there in the farm?

Ans: _____ [4]



42. Tom had 215 more stickers than Ahmad at first. Then Tom bought 55 more stickers. In the end, Tom has 3 times as many stickers as Ahmad.

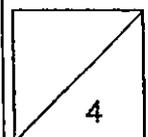
(a) How many stickers did Ahmad have?

(b) Find the total number of stickers Tom and Ahmad had in the end?

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in this column

Ans: (a) _____ [2]

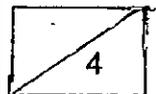
(b) _____ [2]



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43. Alex, Sandy and Zara bought identical handphone covers and pouches. Alex bought 4 handphone covers and 2 pouches. Sandy bought 1 handphone cover and 2 pouches. Zara bought 1 pouch. Sandy spent \$20 more than Zara. How much did the 3 people spend in total?

Ans: _____ [4]



END

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : SINGAPORE CHINESE GIRLS

SUBJECT : MATH

TERM : SA1

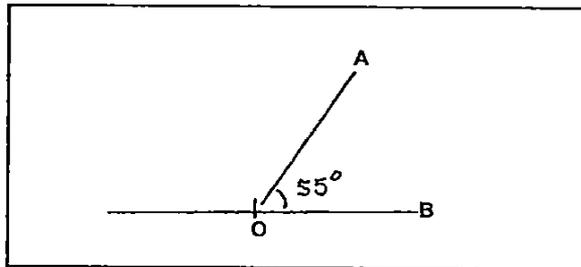
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	3	2	4	1	3	4	1	2
Q11	Q12	Q13	Q14	Q15					
4	1	2	2	3					

Q16. 16 **Q17.** 38692 (Greatest), 36892, 23396, 23369 (Smallest)

Q18. 16 **Q19.** 9625 **Q20.** 70

Q21. $14\ 4000 \rightarrow 96000 \div 2 = 48000, 96000 + 48000 = 144000$

Q22. SEE PICTURE



Q23. 76. \rightarrow square - $11 \times 11 = 121, 121 - 45 = 76\text{cm}^2$

Q24. 38°

Q25. 2

Q26. $1\frac{1}{4} \rightarrow \frac{5}{12} \times 3 = \frac{15}{12} = 1\frac{1}{4}$

Q27. $5 \rightarrow \frac{6}{9} - \frac{1}{9} = \frac{5}{9}$

Q28. $1\frac{1}{2} \rightarrow \frac{6}{4} = 1\frac{2}{4} = 1\frac{1}{2}$

Q29. $92\text{cm}^2 \rightarrow 6 \times 10 = 60, 8 \times 4 = 32, 60 + 32 = 92$

Q30. \$60 $\rightarrow 146 + 54 = 200, 100 - 200, 1U \rightarrow 200 \div 10 = 20, 3U \rightarrow 20 \times 3 = 60$

Q31. 18 $\rightarrow 9 \div 3 = 3, 20 \div 3 = 6\frac{2}{3}, 3 \times 6 = 18$

Q32. 6cm $\rightarrow 24 \div 4 = 6$

Q33. 32cm $\rightarrow 4 \times 8 = 32$

Q34. 38 years old. $\rightarrow 63 - 9 = 54, 54 \div 2 = 27, 27 + 11 = 38$

Q35. 56. $7 \times 8 = 56$

Q36. 200 men. \rightarrow Adults $\rightarrow 814 - 278 = 536, 2U \rightarrow 536 - 136 = 400, 1U \rightarrow 400 \div 2 = 200.$

Q37. \$200. $\rightarrow 4U \rightarrow 160, 1U \rightarrow 160 \div 4 = 40, 50 - 40 \times 5 = 200$

Q38. \$224 $\rightarrow 5U \rightarrow 550 - 20 = 530 - 20 = 510,$
 $1U \rightarrow 510 \div 5 = 102, WATCH \rightarrow 102 + 20 = 122,$
TOTAL $\rightarrow 122 + 102 = 224$

Q39. 19 sweets $\rightarrow 8 \times 15 = 120, 291 - 120 = 171, 171 \div 9 = 19$

Q40. \$90. $\rightarrow 5U \rightarrow 350, 1U \rightarrow 350 \div 5 = 70, 20 \rightarrow 70 \times 2 = 140, BAGS \rightarrow 140 - 50 = 90$

Q41. 200 more. $\rightarrow 12U \rightarrow 1200, 1U \rightarrow 1200 \div 12 = 100, Chicken \rightarrow 100 \times 5 = 500, geese \rightarrow 100 \times 3 = 300, Difference \rightarrow 500 - 300 = 200.$

Q42a. 135 stickers. $\rightarrow 215 + 55 = 270, 2U \rightarrow 270, 1U \rightarrow 270 \div 2 = 135.$

Q42b. 540 stickers $\rightarrow TOM \rightarrow 135 \times 3 = 405, TOTAL \rightarrow 405 + 135 = 540$

Q43. 100 $\rightarrow 5P + 5HP = 20 \times 5 = 100.$

THE END

SA1



PRIMARY 4 MID-YEAR EXAMINATION 2015

Name : _____ () Date: 18 May 2015

Class : Primary 4 ()

Time: 8.00 a.m. - 9.15 a.m.

Parent's Signature : _____ Marks: _____ / 100

MATHEMATICS

PAPER 1

(Booklet A and Booklet B)

Time for Paper 1 is **1 hour and 15 minutes**.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Booklet A	20
Booklet B	40
Total for Paper 1	60

Paper 1 (Booklet A)

Multiple Choice Questions

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (20 marks)

1. What is the value of 7 in 78 932?
 - (1) 70
 - (2) 700
 - (3) 7 000
 - (4) 70 000

2. A number when rounded to the nearest hundred is 30 000. Which of the following is that number?
 - (1) 28 950
 - (2) 29 300
 - (3) 29 990
 - (4) 30 980

3. Find the product of 65 and 40.
 - (1) 2 600
 - (2) 2 420
 - (3) 440
 - (4) 249

4. What is the remainder when 289 is divided by 7?

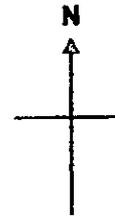
- (1) 5
- (2) 2
- (3) 3
- (4) 4

5. Which of the following sets of numbers has 4 as a common factor?

- (1) 1 and 4
- (2) 2 and 8
- (3) 3 and 8
- (4) 4 and 12

6. Keith is facing South-East. After he turns 90° anticlockwise, in which direction will he face?

- (1) North
- (2) West
- (3) North-East
- (4) South-West



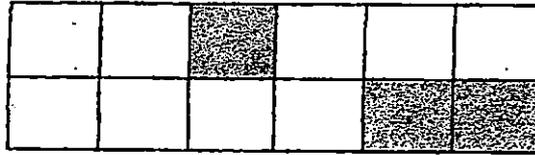
7. $3\frac{5}{6} = 4\frac{1}{6} - \frac{\square}{6}$

What is the missing number?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

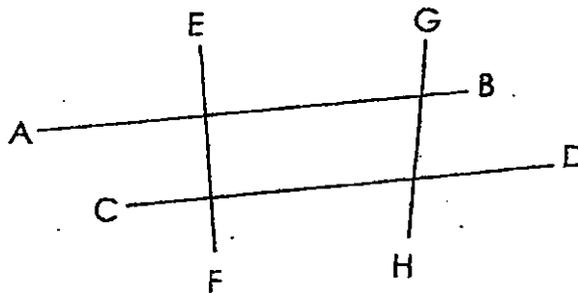
8. A rectangle is divided into 12 equal parts. How many more parts must be shaded so that $\frac{1}{3}$ of the figure remains unshaded?

- (1) 1
- (2) 5
- (3) 8
- (4) 4



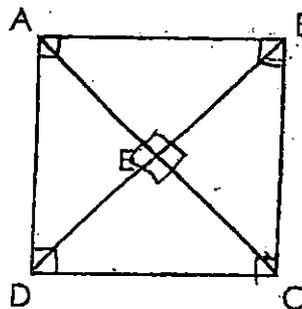
9. How many pairs of perpendicular lines are there in the figure?

- (1) 8
- (2) 2
- (3) 5
- (4) 4



10. How many right angles are there in the square?

- (1) 8
- (2) 2
- (3) 6
- (4) 4



Paper 1 (Booklet B)

Short Answer Questions

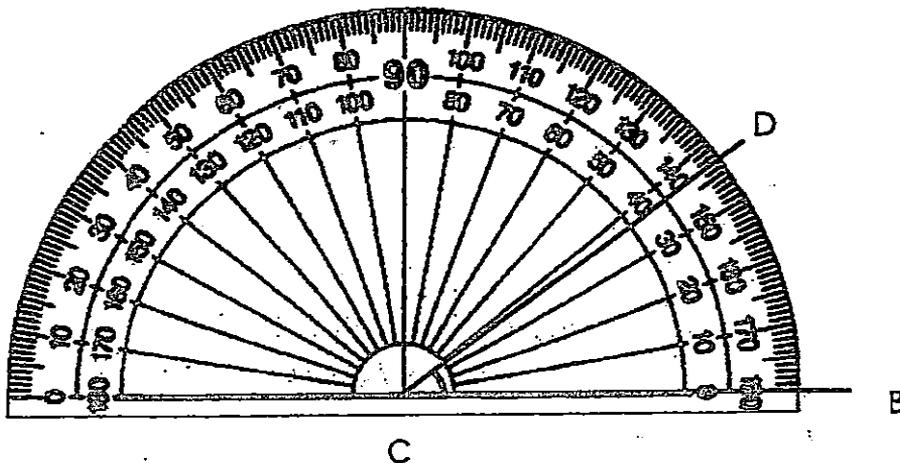
Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. Questions 1.1 to 30 carry 2 marks each. (40 marks)

11. Use the digits in the boxes below to form the **smallest 4-digit odd** number. Each digit can be used only once.

5	2	7	0
---	---	---	---

12. Write 93 044 in words.
-

13. Find $\angle BCD$.



14. Draw a line parallel to UV. The line must pass through W.



15. What is the sum of all the **odd** numbers from 40 to 50?

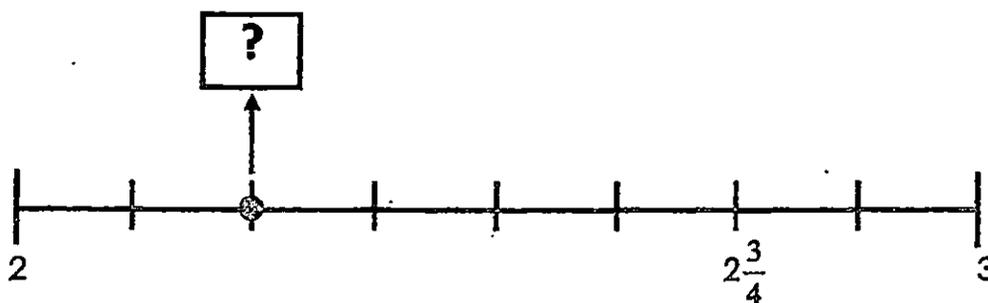
16. What is the missing number in the number pattern below?

2 304 , 2 404 , 2 604 , , 3 304, 3 804

17. Kelly spent $\frac{2}{5}$ of her money on food. She has \$45 left. How much money did she spend on food?

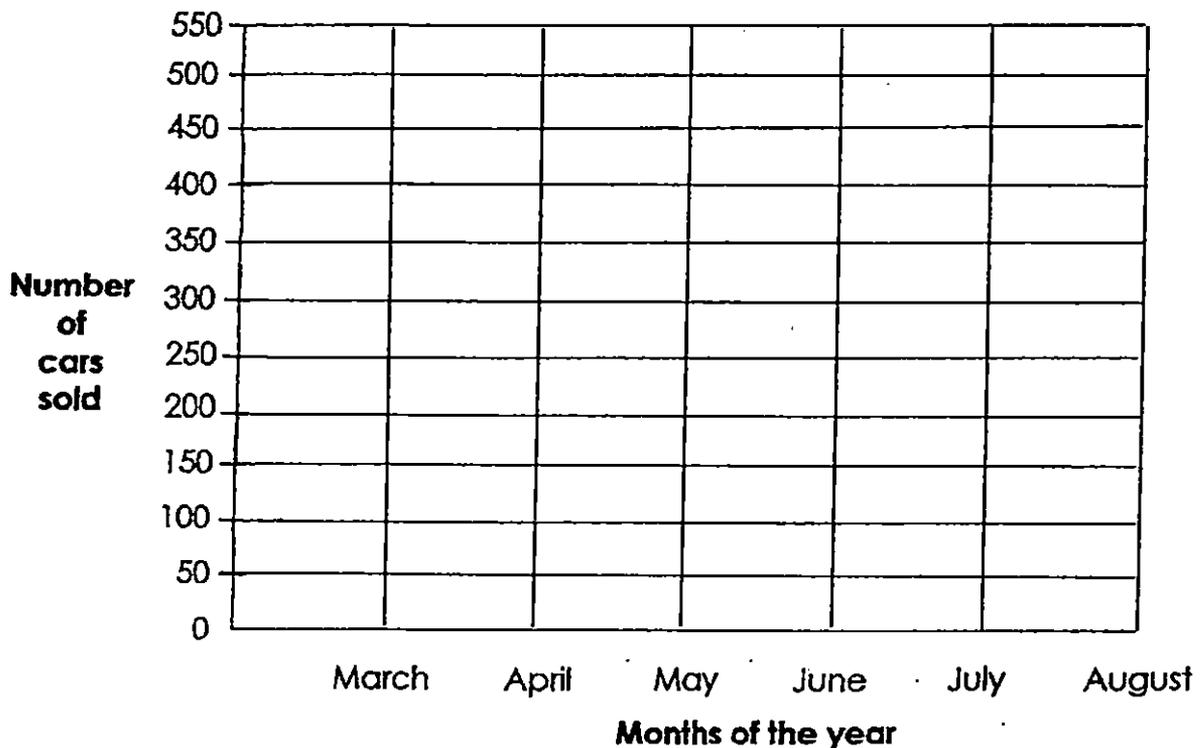
18. Find the value of 72×8 .

19. What is the missing fraction? Express your answer as a mixed number in its simplest form.



Study the graph carefully and answer questions 20 and 21:

The line graph below shows the number of cars sold each month.



20. During which one-month interval was the decrease in car sales the greatest?

From _____ to _____

21. The number of cars sold in June is the same as the total number of cars sold in _____ and _____.

_____ and _____

22.

$$\square \times \square = 36$$

$$\square + \text{cylinder} + \text{cylinder} = 28$$

Find the value of



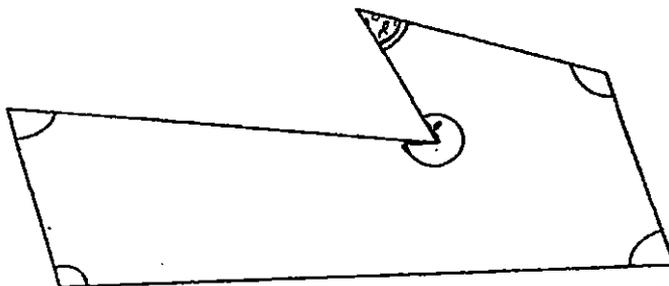
23. How many eighths are there in $5\frac{3}{8}$?

24. $\frac{2}{5}$ of a number is 24. What is the number?

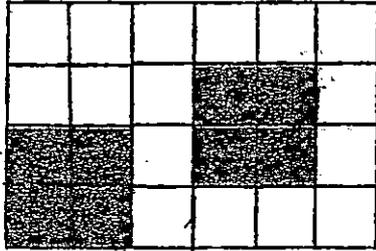
25. David has 36 cards more than Lily. Lily gives David 9 cards. How many more cards will David have than Lily?

26. Mrs Tan bought 12 boxes of balloons for her pupils. Each box contained 10 balloons. She gave each pupil 4 balloons. How many pupils were there in her class?

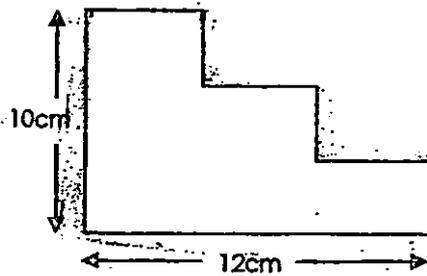
27. Look at the figure. How many angles inside the figure are less than 90° ?



28. The figure below is made up of squares. What fraction of the figure is shaded? Express your answer in its simplest form.



29. Find the perimeter of the figure.



30. The perimeter of a square is 36 cm. What is its area?



End of Paper 1



PRIMARY 4 MID-YEAR EXAMINATION 2015

Name : _____

Date: 18 May 2015

Class : Primary 4 ()

Time: 10.30 a.m. - 11.30 a.m.

Parent's Signature : _____

Marks: _____ / 40

MATHEMATICS

PAPER 2

Time for Paper 2 is **1 hour**.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Questions 1 to 10 carry 4 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

1. Mark had \$30 less than Ben. Tim had \$50. The three boys had \$220, how much did Ben have?

Ans: _____

2. Devi gave the cashier \$250 for a camera and a thumbdrive. The camera cost 4 times as much as the thumbdrive.
- a) What was the cost of the thumbdrive?
 - b) What was the cost of the camera?

Ans: _____

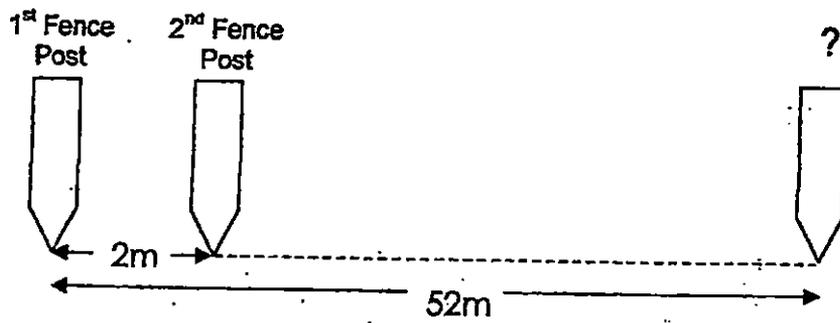
3. John is 24 years older than his son. In 6 years' time, John will be 4 times as old as his son. How old is his son now?

Ans: _____

4. Mr Tan bought a toy train for \$36. He paid the exact amount in \$10-notes and \$2-notes. He gave the shopkeeper 10 notes in all. How many \$10-notes did Mr Tan give the shopkeeper?

Ans: _____

5. Wooden posts were placed 2m apart along a 52m path.
- a) How many posts were used?
 - b) What was the distance between the first and the fifth posts?



Ans: a) _____

b) _____

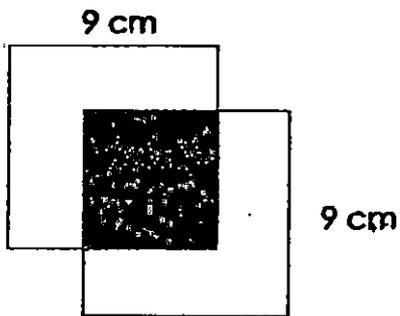
6. Aisha bought 3 blouses and 2 dresses. A blouse cost half as much as a dress. She spent \$210 in total. Find the cost of a dress.

A blouse

A dress

Ans: _____

7. The figure is made up of two identical overlapping squares. The overlapped area is a square of side 7cm. Find the area of the unshaded parts.



Ans: _____

8. Mrs Lim had 240 eggs. She threw away $\frac{1}{3}$ of them which were rotten and sold $\frac{7}{8}$ of the good eggs. How many eggs did she have left?

Ans: _____

9. A crate of oranges weighs 6300g. When it is $\frac{1}{3}$ full, its mass is 2300g.

What is the mass of the crate when it is empty?

crate			
-------	--	--	--

Ans: _____

10. Raja gave some sweets to his friends. If each of them received 3 sweets, he would have 7 sweets left. If each of them received 4 sweets, he would be short of 3 sweets. How many sweets did Raja have?

Ans: _____

End of Paper 2

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : TAO NAN SCHOOL

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	1	2	4	3	2	1	2	1

Q11. 2057 Q12. Ninety three thousand and forty four

Q13. 37° Q14. **SEE PICTURE** Q15. $225 \rightarrow 41+43+47+49=225$

Q16. 2904 \rightarrow Q17. \$30 Q18. $576 \div 72 \times 8 = 576$ Q19. $2\frac{1}{4}$.

Q20. From June to July Q21. May to July Q22. $11 \rightarrow 11+11=22, 22+6=28$

Q23. 43 Q24. 60 Q25. $54 \rightarrow 36+18=54$ Q26. $30 \div 120 \div 4 = 30$

Q27. 3 Q28. $\frac{1}{3} \rightarrow \frac{8}{24} = \frac{2}{6} = \frac{1}{3}$ Q29. 44cm Q30. 81cm^2

Q1. $\$100 \rightarrow \$220 - \$50 = \$170, \$170 - \$30 = \$140, \$140 \div 2 = \$70, \$70 + \$30 = \100

Q2a. $\$50 \rightarrow \$250 \div 5 = \$50$ Q2b. $\$200 \rightarrow \$50 \times 4 = \$200$

Q3. 2 years old \rightarrow age difference $\rightarrow 24, 24 \div 3 = 8, 8 - 6 = 2$

Q4. 2 \rightarrow Number of \$2 notes $\times 8$, Number of \$10 = \$20; $\$20 + \$16 = \$36$.

Q5a. 27 $\rightarrow 52 \div 2 = 26, 26 + 1 = 27$. Q5b. 8m $\rightarrow 5 - 1 = 4, 4 \times 2 = 8$

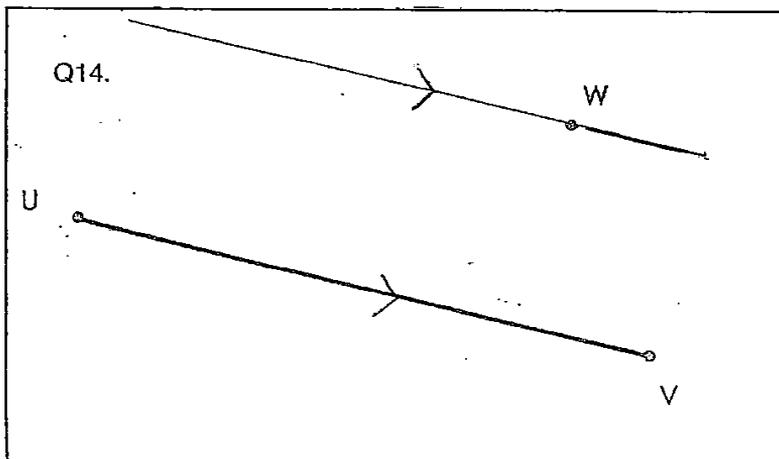
Q6. $\$60 \rightarrow \$210 \div 7 = \$30, \$30 \times 2 = \$60$

Q7. $64\text{cm}^2 \rightarrow 7 \times 7 = 49, 9 \times 9 = 81, 81 - 49 = 32, 32 \times 2 = 64$

Q8. 20 $\rightarrow 240 \div 12 = 20, 7 + 4 = 11, 20 \times 11 = 220, 240 - 220 = 20$

Q9. 300g $\rightarrow 6300 - 2300 = 4000, 4000 \div 2 = 2000, 2300 - 2000 = 300$

Q10. 37 \rightarrow multiples of 3 + 7, multiples of 4 - 3



Anglo-Chinese School (Junior)



CONTINUAL ASSESSMENT 1 (2015) PRIMARY 4

MATHEMATICS

Tuesday

25 August 2015

1 hour 15 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 21 questions in this booklet.

Answer ALL questions.

Name : _____ ()

Class : 4.()

Parent's Signature: _____

Section	Possible Marks	Marks Obtained
A	20	
B	14	
C	16	
Total	50	

This question paper consists of 11 printed pages. (Inclusive of cover page)

Section A

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice and writes its number (1, 2, 3 or 4) in the brackets provided.

(20 marks)

1. $6\frac{3}{8} = \frac{\square}{8}$

What is the missing number in the box?

- 1) 17
- 2) 18
- 3) 48
- 4) 51

()

2. 15 45 on the 12-hour clock is _____.

- 1) 3.45 a.m.
- 2) 3.45 p.m.
- 3) 5.45 a.m.
- 4) 5.45 p.m.

()

3. $2.015 = 2 + \frac{15}{\square}$

- 1) 1
- 2) 10
- 3) 100
- 4) 1000

()

4. In the number 35.19, the digit _____ is in the tenths place.

- 1) 1
- 2) 5
- 3) 3
- 4) 9

()

5. $381 \div 8 =$ _____
Round off your answer to 2 decimal places.

- 1) 47.6
- 2) 47.62
- 3) 47.63
- 4) 47.625

()

6. Bob has a mass of 19.8 kg. Chris is twice as heavy as Bob.
What is Chris' mass?

- 1) 28.6 kg
- 2) 29.8 kg
- 3) 38.6 kg
- 4) 39.6 kg

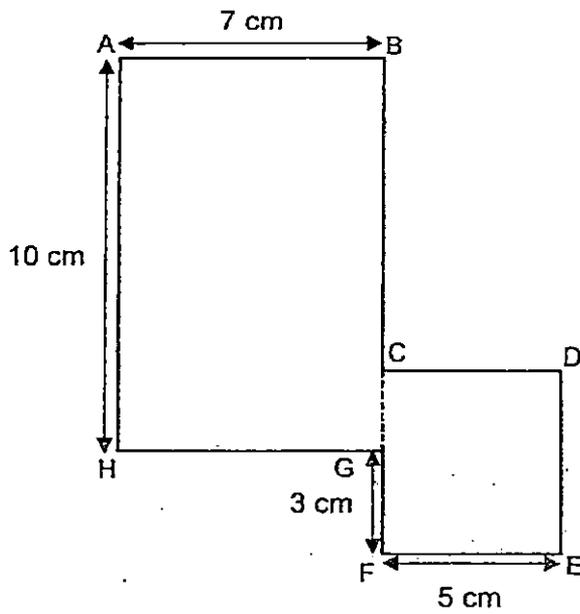
()

7. Alan is 1.58 m tall. Barry is 0.2 m taller than Alan. Charles is 0.32 m shorter than Barry. Find Charles' height.

- 1) 1.26 m
- 2) 1.46 m
- 3) 1.78 m
- 4) 1.90 m

()

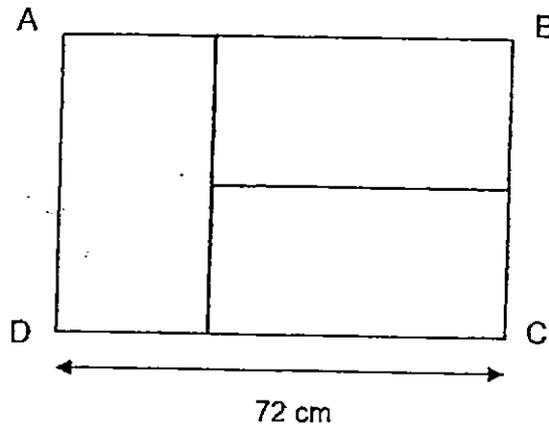
8. The figure below is made up of rectangle ABGH and square CDEF. What is the total length of BC and GF?



- 1) 8 cm
- 2) 11 cm
- 3) 13 cm
- 4) 15 cm

()

9. The figure below is made up of 3 identical rectangles. $CD = 72$ cm. Find the length of AD .



- 1) 18 cm
- 2) 24 cm
- 3) 36 cm
- 4) 48 cm

()

10. Zach packed some sweets. If he packed all the sweets into packets of 4, there would be 3 sweets left over. If he packed all the sweets into packets of 5, there would be no sweets left over. Which of the following is a possible number of sweets that Zach had at first?

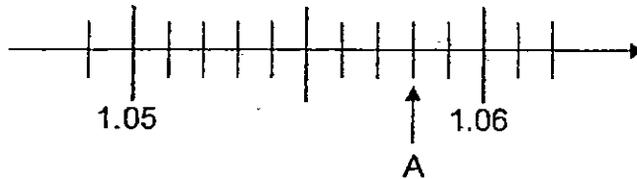
- 1) 12
- 2) 15
- 3) 16
- 4) 32

()

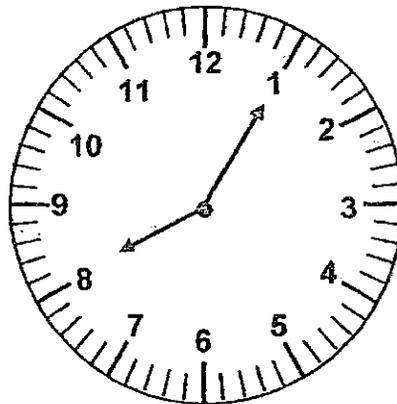
Section B

Questions 11 to 17 carry 2 marks each. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated. (14 marks)

11. Write the decimal represented by A.

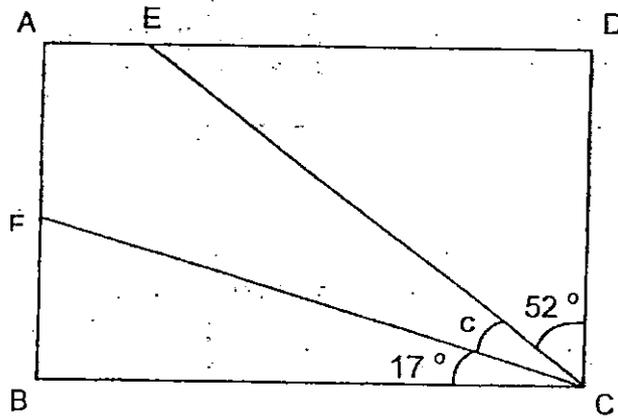


12. The clock below shows the time Bala started his lesson in the morning.

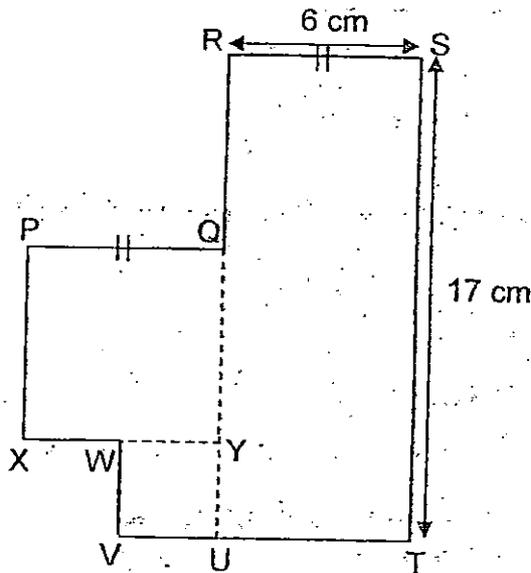


Bala's lesson was 2 h 10 min long. At what time did it end?
Give your answer using the 12-hour clock.

13. ABCD is a rectangle. Find $\angle c$.



14. The figure is made up of rectangle RSTU and squares PQYX and WYUV. The length of PQ is equal to the length of RS. The length of PX is twice the length of UV. Find the length of QR.

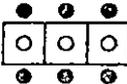
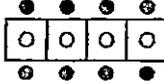


15. Wayne had \$32.40. After paying \$15.80 for a teddy bear, he had enough money to buy 4 similar photo frames. Given that the cost of each photo frame was the same, what was the cost of 1 photo frame?

\$

16. Jethro had some books. He gave $\frac{2}{11}$ of the books to his brother and had 36 books left. How many books did Jethro have at first?

17. Look at the patterns shown below.

	Pattern 1	Pattern 2	Pattern 3	Pattern 4	...	Pattern 25
						?
White beads	1	2	3	4		
Black beads	2	4	6	8		
Total beads	3	6	9	12		

What is the total number of beads in Pattern 25?

Section C

Questions 18 to 21 carry 4 marks each. For each question, show your working clearly as marks will be given for working and relevant statements.

(16 marks)

-
18. There was a total of 18 l of orange juice in 9 jugs. Three of the jugs contained a total of 2.82 l of orange juice. There was an equal amount of orange juice in each of the remaining jugs. How many litres of orange juice were there in each of the remaining jugs?
19. Box A is 4 times as heavy as Box B. Box C is 6.74 kg heavier than Box B. The total mass of Box A and B is 68 kg.
- What is the mass of Box B?
 - What is the mass of Box C?

20. Bill bought a total of 11 sweets and chocolate bars. Each sweet cost 40¢. Each chocolate bar cost 60¢. He paid a total of \$5.60. How many chocolate bars did he buy?

21. There were some adults and children at a party. $\frac{3}{8}$ of the people were adults. $\frac{3}{4}$ of the children were boys and the rest were girls. There were 20 girls.

a) How many children were there?

b) How many more children than adults were at the party?

End of Paper

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : ANGLO CHINESE SCHOOL (JUNIOR)

SUBJECT : MATHEMATICS

TERM : CA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	4	1	3	4	2	2	4	2

Q11. 1.058 Q12. 10.15am Q13. 21° Q14. 8cm

Q15. $\$4.15 \rightarrow 32.40 - 15.80 = 16.60, 16.20 \div 4 = 4.05$

Q16. 44 books $\rightarrow 11 - 2 = 9, 36 \div 9 = 4, 4 \times 11 = 44$

Q17. 75 beads $\rightarrow 3 \times 25 = 75$

Q18. 2.53litre $\rightarrow 6u \rightarrow 18 - 2.82 = 5.18, 1u \rightarrow 5.18 \times 6 = 2.53$

Q19a. The mass of box B is 13.6kg $68 \div 5 = 13.6$

Q19b. 20.34 $\rightarrow 13.6 + 6.74 = 20.34$

Q20. 6 chocolate bars

$$0.40 \times 11 = 4.40$$

$$5.60 - 4.40 = 1.20$$

$$0.60 - 0.40 = 0.20$$

$$1.20 \div 0.20 = 6$$

Q21a. 80 children $\rightarrow \frac{1}{4} 20, 120 \times 4 = 80$

Q21b. 32 more children $\rightarrow 1 - \frac{3}{8} = \frac{5}{8}, 80 \div 5 = 16, 16 \times 3 = 48, 80 - 48 = 32$



NAN HUA PRIMARY SCHOOL
CONTINUAL ASSESSMENT 2 – 2015
PRIMARY 4

MATHEMATICS

Total Time : 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions and show your workings clearly.

Marks Obtained

Section	Maximum Marks	Actual Marks
A	40	
B	40	
C	20	
Total	100	

Name: _____ ()

Class: P 4 _____

Date : 19 August 2015

Parent's signature: _____

SECTION A (20 x 2 marks)

Questions 1 to 20 carry 2 marks each.

Of the four options given, only one is correct. Choose the correct answer (1, 2, 3 or 4) and write its number in the brackets provided.

1. Which digit in 89.65 is in the tenths place?

- (1) 5
- (2) 6
- (3) 8
- (4) 9

()

2. Round off 64.992 to the nearest tenth.

- (1) 64.0
- (2) 64.9
- (3) 65.0
- (4) 65.9

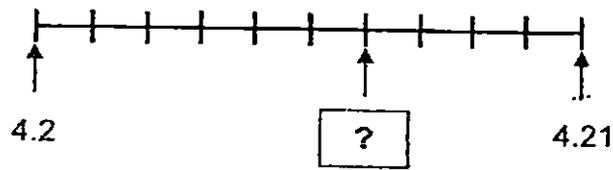
()

3. What is the difference between 63.42 and 18.35?

- (1) 45.07
- (2) 55.13
- (3) 55.17
- (4) 81.77

()

4. What is the missing decimal in the box?



- (1) 4.205
- (2) 4.206
- (3) 4.26
- (4) 4.8

()

5. How many quarters are there in $7\frac{1}{2}$?

- (1) 10
- (2) 15
- (3) 30
- (4) 31

()

6. Which of the following fraction is less than $\frac{3}{5}$?

- (1) $\frac{1}{3}$
- (2) $\frac{3}{4}$
- (3) $\frac{5}{6}$
- (4) $\frac{6}{10}$

()

7. $\frac{30}{8} = 3 \frac{\square}{4}$

The missing number in the box is _____.

- (1) 1
- (2) 6
- (3) 3
- (4) 18

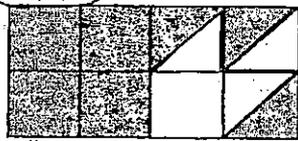
()

8. Find the sum of $2\frac{1}{6}$ and $3\frac{1}{3}$. Express your answer in the simplest form.

- (1) $5\frac{1}{9}$
- (2) $5\frac{2}{9}$
- (3) $5\frac{1}{2}$
- (4) $5\frac{3}{6}$

()

9. What fraction of the diagram is unshaded?



- (1) $\frac{4}{8}$
- (2) $\frac{5}{11}$
- (3) $\frac{5}{16}$
- (4) $\frac{11}{16}$

()

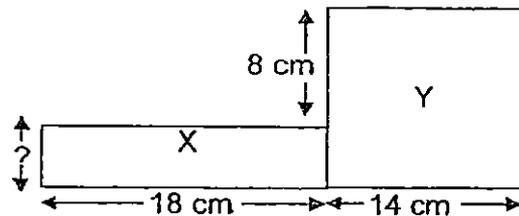
10. Annie spent $\frac{1}{3}$ of her savings and had \$50 left. How much money did she have at first?

- (1) \$25
- (2) \$75
- (3) \$150
- (4) \$200

()

11. The figure shown below, not drawn to scale, is made up of a rectangle X with length 18 cm and a square Y of sides 14 cm.

What is the area of the rectangle X?



- (1) 72 cm²
- (2) 108 cm²
- (3) 126 cm²
- (4) 144 cm²

()

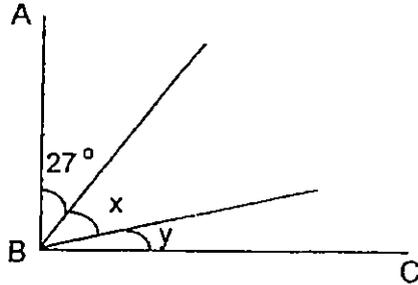
12. The total mass of Adrian and Benjamin is 83 kg. Benjamin is 4 kg heavier than Adrian. What is the mass of Benjamin?

- (1) 37.5 kg
- (2) 39.5 kg
- (3) 43.5 kg
- (4) 45.5 kg

()

13. The figure below is not drawn to scale.

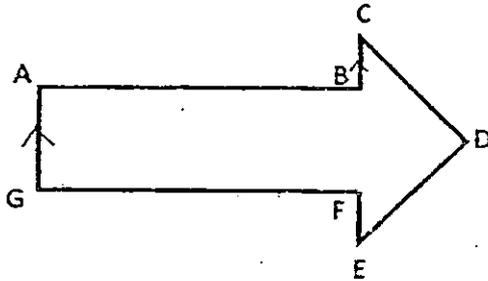
$\angle ABC$ is a right angle. $\angle x$ is twice of $\angle y$. Find $\angle x$.



- (1) 21°
- (2) 36°
- (3) 42°
- (4) 63°

()

14. The line that is parallel to BC is Line _____.



- (1) AB
- (2) AG
- (3) CD
- (4) DE

()

15. Find the product of 603 and 19.

(1) 6 030

(2) 11 437

(3) 11 457

(4) 11 617

()

16. Express 0.025 as a fraction in its simplest form.

(1) $\frac{1}{4}$

(2) $\frac{1}{8}$

(3) $\frac{1}{25}$

(4) $\frac{1}{40}$

()

17. Find the sum of the 6th multiple of 4 and the 3rd multiple of 9.

(1) 24

(2) 27

(3) 3

(4) 51

()

18. The distance between the 1st bus stop and the 6th bus stop is 2100 m. Given that the distance between any 2 bus stops is the same, find the distance between the 2nd and the 4th bus stop.
- (1) 350 m
(2) 420 m
(3) 700 m
(4) 840 m ()
19. The cost of an adult ticket to the 'Adventure World' theme park is \$56 and a child's ticket is \$38. Mr Tan brought his parents, his wife and 3 young children to visit the park. He gave the cashier a \$1000 note to pay for all the tickets, how much change should he receive?
- (1) \$320
(2) \$338
(3) \$662
(4) \$680 ()
20. Mrs Goh bought 16 toy planes and 8 toy trains. Each toy plane cost \$14 and each toy train cost \$12. How much did Mrs Goh spend altogether?
- (1) \$96
(2) \$224
(3) \$310
(4) \$320 ()

SECTION B (20 x 2 marks)

Questions 21 to 40 carry 2 marks each.

**Write the correct answers for the following questions in the blanks provided.
Show your workings clearly and give your answers in the units provided.**

21. Find the value of $5 \div 8$. Leave your answer in decimal.

Do not write
in this space

Ans: _____

22. In 48 026, the value of the digit 8 is _____.

Ans: _____

23. Arrange the following in **descending** order.

$3\frac{1}{4}$, 3.35, 3.305, $3\frac{3}{8}$

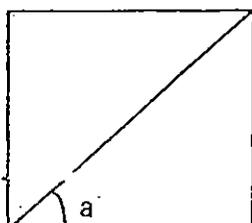
Ans: _____, _____, _____, _____

24. Divide 2 506 by 7. Round off your answer to the nearest ten.

Do not write
in this space

Ans: _____

25. The figure below is a square (not drawn to scale).
Find the angle marked a .



Ans: _____

o

26. The perimeter of a rectangle is 72 m.
The length is three times its breadth.
What is the length of the rectangle?

Ans: _____ m

The following grid shows the position of W, X, Y and Z.
Use it to answer questions 27 and 28.

Do not write
in this space

		W		X	
Z				Y	



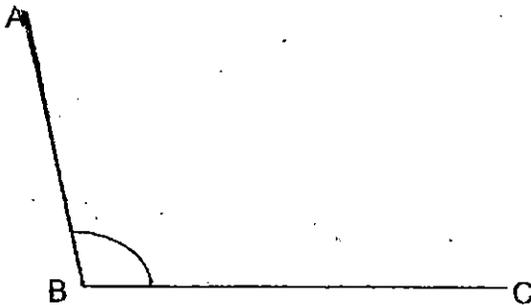
27. Which letter is south-west of W?

Ans: _____

28. The letter Y is _____ of the letter Z.

Ans: _____

29. Measure and write down the size of $\angle ABC$.



Ans: _____

30. Find the difference between 518.5 and 103.42.
Round off your answer to the nearest tenth.

Do not write
in this space

Ans: _____

31. There are 40 pupils in a class.
How many girls are there if $\frac{3}{5}$ of them are boys?

Ans: _____ girls

32. Charlotte bought a blouse, a skirt and a jacket at a store. The jacket costs \$34.50 more than the skirt. The blouse is \$12.20 cheaper than the skirt. The blouse cost \$9.80. How much did Charlotte spend altogether?

Ans: \$ _____

33. Serene baked some cookies. $\frac{3}{7}$ of the cookies were chocolate cookies and the rest were almond cookies. If there were 240 almond cookies, how many cookies did Serene bake altogether?

Do not write
in this space

Ans: _____

34. Desmond bought 8 similar toy cars for \$28.80.
How much did Desmond pay for 1 toy car?

Ans: \$ _____

35. A square of side 6 cm has the same perimeter as a rectangle.
Find the area of the rectangle if the length of the rectangle is twice the breadth of the rectangle.

Ans: _____ cm²

36. $\star + \heartsuit = 50.8$

$\heartsuit + \star + \heartsuit = 64.5$

What is the value of \star ?

Do not write
in this space

Ans: _____

37. 'Starry Television' charges their customers \$13.60 for every channel the customers subscribe. Mr Koh subscribed 8 channels. How much did Mr Koh pay for subscribing to the 8 channels?

Ans: \$ _____

38. A tank contained 3.7 l more water than a pail. After some water was poured from the tank to the pail, both the tank and the pail had 6 l of water each. How much water was there in the pail at first?

Ans: _____ l

39. Fiona is saving up to buy a dress. She saves \$1.20 in a week. After saving for 7 weeks, she finds that she is still short of \$19.90. What is the cost of the dress?

Do not write
in this space

Ans: \$ _____

40. Gopal bought 18 apples at 3 for \$2.50. If the cost of the apples now is 4 for \$3.00, how many apples can Gopal buy with the same amount of money?

Ans: _____ apples

Section C (5 x 4 marks)

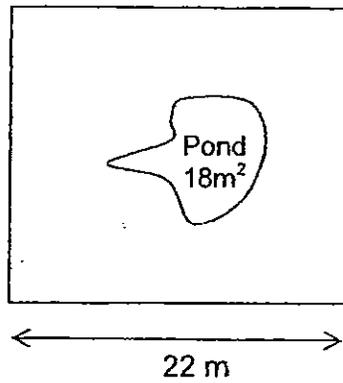
Do the following sums carefully. All statements and workings must be clearly shown. All units must also be stated clearly.

41. Ashley bought 9 boxes of chocolates. There were 85 chocolates in each box. She repacked the chocolates into packets of 5.
How many ~~chocolates~~ ^{packets of chocolates} were there ~~in each packet?~~ ^{altogether?}

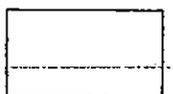
Do not write in this space

42. Heather had 80 more stickers than Irene.
After Irene gave away $\frac{1}{3}$ of her stickers, Heather had twice as many stickers as Irene. How many stickers did Irene have at first?

43. Mr Tan wants to lay carpet grass in this entire square garden. The cost of the carpet grass is \$25 per square metre. How much did Mr Tan pay for carpeting his garden? (The diagram is not drawn to scale)



Do not write
in this space



44. One ticket to the SEA games sports match was sold at \$8.
To promote the event, 3 tickets were given free for 20 tickets purchased. If John wanted to buy 46 tickets in all, what was the least amount of money he had to spend?

Do not write
in this space

45. If Mrs Lim gives 2 souvenirs to each of her guests, she will have 7 souvenirs left. If each of the guests receives 3 souvenirs, she will be short of 2 souvenirs.

How many souvenirs does she have?

End of Paper

Remember to check your work carefully!

EXAM PAPER 2015**LEVEL : PRIMARY 4****SCHOOL : NAN HUA PRIMARY SCHOOL****SUBJECT : MATHEMATICS****TERM : CA2**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	1	2	3	1	3	3	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	3	3	2	3	4	4	4	3	4

Q21. 0.625

Q22. 8000

Q23. $3\frac{3}{8}, 3.35, 3.305, 3\frac{3}{4}$

Q24. 360

Q25. 45°

Q26. $27 \rightarrow 3+3+1+1=8, 72 \div 8 = 9, 9 \times 3 = 27$

Q27. 2

Q28. East

Q29. 102

Q30. $415.2 \rightarrow 518.60 - 103.42 = 415.18$

Q31. 16 girls $\rightarrow 40 \div 5 = 8, 8 \times 3 = 24, 40 - 24 = 16$

Q32. $88.30 \rightarrow 12.20 + 9.80 = 22, 22 + 34.50 = 56.50, 9.80 + 22 + 56.50 = 88.30$

Q33. $420 \rightarrow 7 - 3 = 4, 240 \div 4 = 60, 60 \times 7 = 420$

Q34. $\$3.60 \rightarrow 28.80 \div 8 = 3.60$

Q35. $32\text{cm}^2 \rightarrow 6 \times 4 = 24, 2 + 2 + 1 + 1 = 6, 24 \div 6 = 4, 4 \times 2 = 8, 8 \times 4 = 32$

Q36. $37.1 \rightarrow 64.5 - 50.8 = 13.7, 50.8 - 13.7 = 37.1$

Q37. $\$108.80 \rightarrow 13.60 \times 8 = 108.80$

Q38. $4.15 \rightarrow 12 - 3.7 = 8.3, 8.3 \div 2 = 4.15$

Q39. $\$28.30 \rightarrow 41.20 \times 7 = \$8.40, 8.40 + 19.90 = 28.30$

Q40. 20 apples $\rightarrow 18 \div 6 = 3, 2.50 \times 6 = 15, 15 \div 3 = 5, 5 \times 4 = 20$

Q41. $153 \rightarrow 85 \times 9 = 765, 765 \div 5 = 153$

Q42. $240 \rightarrow 1 \text{u } 80, 3 \text{u } 80 \times 3 = 240$

Q43. $\$11650 \rightarrow 22\text{m} \times 22\text{m} = 484\text{m}^2, 484 - 18 = 466\text{m}^2, 466 \times 25 = 11650$

Q44. $\$320 \rightarrow 20 \times 20 = 40, 40 \times 8 = 320$

Q45. 25 souvenirs

Multiples of 2 + 7	9	11	13	15	17	19	21	23	25
Multiples of 3 - 2	1	4	7	10	13	16	19	22	25



Anglo-Chinese School (Primary)

END-OF-YEAR EXAMINATION 2015
MATHEMATICS
BOOKLET A
PRIMARY FOUR

Name: _____

Class: Primary 4 _____

Date: 30 October 2015

Duration of Booklets A & B: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 8 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Shade your answer on the Optical Answer Sheet (OAS) provided.

SECTION A - Multiple Choice Questions (30 MARKS)

Questions 1 to 15 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1. Thirty-eight thousand and forty-three in figures is _____.
 - (1) 38 034
 - (2) 38 043
 - (3) 38 403
 - (4) 38 430

2. 45 659 rounded off to the nearest hundred is _____.
 - (1) 45 600
 - (2) 45 660
 - (3) 45 700
 - (4) 46 000

3. In which of the following numbers does the digit 7 stands for 7 hundredths?
 - (1) 137.234
 - (2) 234.187
 - (3) 324.768
 - (4) 432.176

4. Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{4}, \frac{5}{6}, \frac{7}{12}$$

- (greatest) (smallest)
- (1) $\frac{1}{4}, \frac{7}{12}, \frac{5}{6}$
- (2) $\frac{5}{6}, \frac{7}{12}, \frac{1}{4}$
- (3) $\frac{7}{12}, \frac{5}{6}, \frac{1}{4}$
- (4) $\frac{7}{12}, \frac{1}{4}, \frac{5}{6}$

5. $\frac{20}{100} = \underline{\hspace{2cm}}$

- (1) 0.002
- (2) 0.02
- (3) 0.2
- (4) 0.5

6. $12\frac{7}{9} = \frac{\boxed{?}}{9}$

What is the missing number in the box?

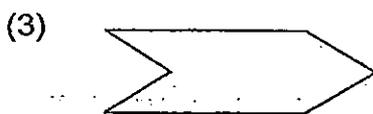
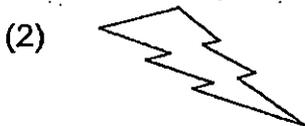
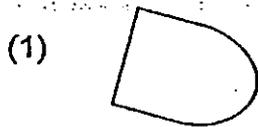
- (1) 115
- (2) 108
- (3) 93
- (4) 84

7. 6 identical poles are placed in a row at equal distances. The distance between the first and third pole is 12 m. What is the distance between the first and sixth pole?



- (1) 20 m
- (2) 24 m
- (3) 30 m
- (4) 36 m

8. Which of the following figures can tessellate?

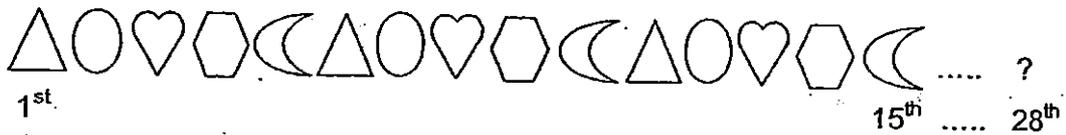


9. A concert started at 9.55 a.m. and ended at 12.30 p.m.
How long was the concert? Give your answer in hours and minutes.
- (1) 2 h 30 min
 - (2) 2 h 35 min
 - (3) 3 h 15 min
 - (4) 3 h 35 min
10. Write $6\frac{14}{20}$ as a decimal.
- (1) 6.14
 - (2) 6.20
 - (3) 6.34
 - (4) 6.70
11. A rectangle measures 16 cm by 4 cm. It has the same area as a square.
Find the perimeter of the square.
- (1) 8 cm
 - (2) 10 cm
 - (3) 32 cm
 - (4) 64 cm

12. Squares A, B and C have a total area of 170 cm^2 . Square A has an area of 64 cm^2 . The area of Square B is 25 cm^2 . What is the length of Square C?

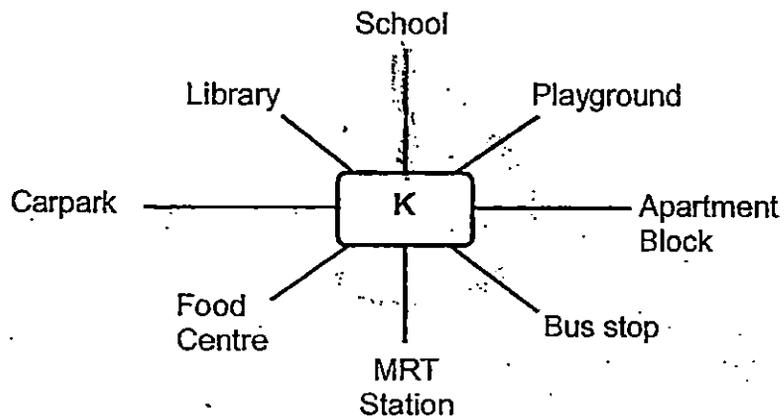
- (1) 40 cm
- (2) 36 cm
- (3) 3 cm
- (4) 9 cm

13. Amir used different shapes to make a pattern. The first 15 shapes are shown below. What is the 28th shape?



- (1) 
- (2) 
- (3) 
- (4) 

14. Kyra is standing at the point marked K in the figure below. She is facing the food centre. What will she face when she turns 225° anti-clockwise?



- (1) Bus Stop
(2) Playground
(3) Library
(4) School
15. Bob, Carl and Dan had \$76 altogether. Bob and Carl had the same amount of money. Dan had \$10 more than Bob. How much did Carl have?

- (1) \$22
(2) \$32
(3) \$33
(4) \$66



Anglo-Chinese School (Primary)

END-OF-YEAR EXAMINATION 2015
MATHEMATICS
BOOKLET B
PRIMARY FOUR

Name: _____

Class: Primary 4 _____

Date: 30 October 2015

Duration of Booklets A & B: 1 hour 45 minutes

Parent's/Guardian's signature

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 16 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

Section	Maximum Marks	Marks Obtained
A. Multiple-Choice Questions	30	
B. Short Answers	40	
C. Problem Sums	30	
Total Marks	100	

SECTION B - Short Answers (40 Marks)

Questions 16 to 35 carry 2 marks each. Show all workings clearly.
Write your answer in the space provided. Give your answers in the units stated and in its simplest form whenever possible.

16. What is the value of the digit 3 in 23 794?

Answer : _____

17. Write $\frac{94}{6}$ as a mixed number in its simplest form.

Answer : _____

18. Arrange the following numbers from the greatest to the smallest.

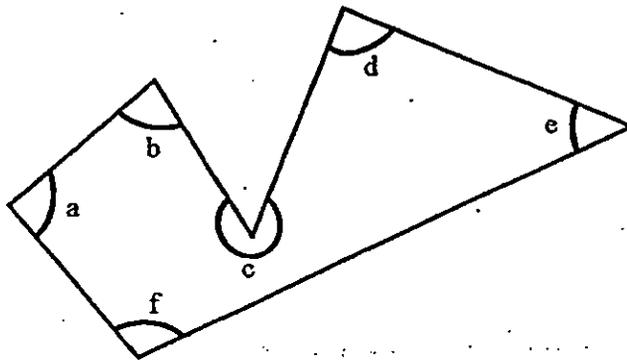
$$\frac{4}{5}, 0.087, 0.87$$

Answer: _____ , _____ , _____
(greatest) (smallest)

19. What is the remainder when 2 936 is divided by 7?

Answer : _____

20. Which of the marked angles in the figure below are right angles?



Answer: \angle _____ and \angle _____

21. What is the sum of 0.78, 7.08 and $\frac{780}{100}$? Express your answer as a decimal.

Answer : _____

22. Which two of the fractions below are equivalent to $\frac{8}{12}$?

$$\frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{4}{6}$$

Answer: _____ and _____

23. The table below shows the prices of two items sold in three shops.

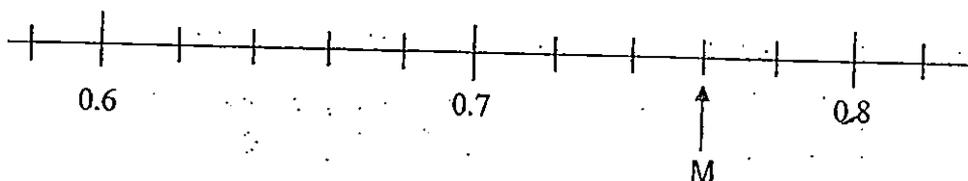
Shop	Price of a loaf of bread	Price of a bottle of water
A	\$1.10	75¢
B	\$1.25	55¢
C	\$1.35	60¢

Tom wants to buy a loaf of bread and a bottle of water.

In which shop will the total price for the two items be the lowest?

Answer: Shop _____

24. Write the decimal represented by M.



Answer: _____

25. Lana watched a movie which lasted 2 hours 45 minutes. The movie started at 6.25 p.m. What time did the movie end?

Express your answer in the 24-hour clock format.

Answer : _____

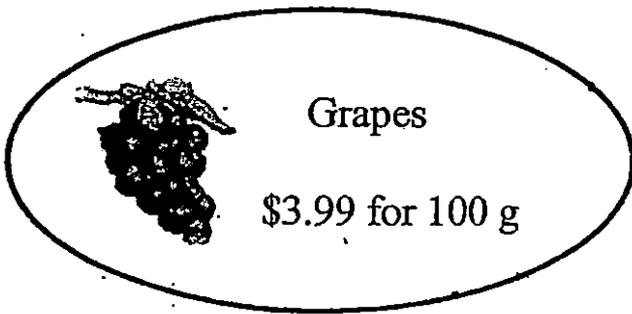
26. A string measuring 65 m is cut into 7 equal pieces. What is the length of each piece of string? Round off your answer as a decimal to 2 decimal places.

Answer : _____ m

27. What is the value of $2 + \frac{3}{10} + \frac{2}{5}$. Express your answer as a mixed number.

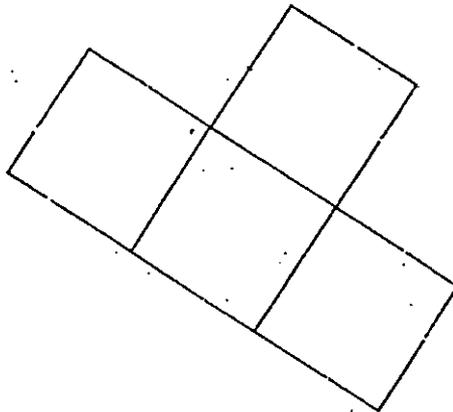
Answer : _____

28. Mrs Tan bought 800 g of grapes from a fruit stall. How much did she pay in all?



Answer : \$ _____

29. The figure below is made up of 4 identical squares. The perimeter of the figure is 180 cm. What is the area of each square?

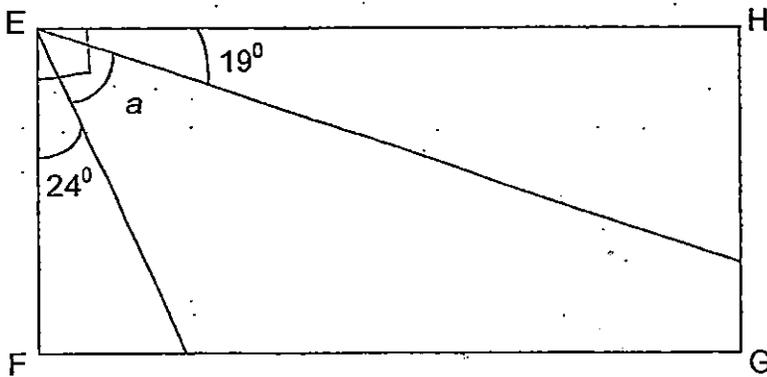


Answer: _____ cm²

30. There are 3 traffic lights on a street. Traffic light A turns red every 3 minutes. Traffic light B turns red every 4 minutes and Traffic light C turns red every 6 minutes. At 6 p.m., all the traffic lights will turn red at the same time. When is the next earliest time all the traffic lights will turn red? Express your answer in the 12-hour clock format.

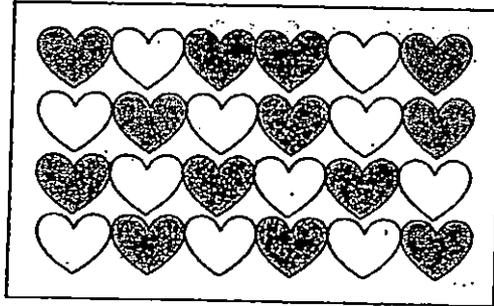
Answer : _____ p.m.

31. In the figure shown, EFGH is a rectangle. Find $\angle a$.



Answer : _____ °

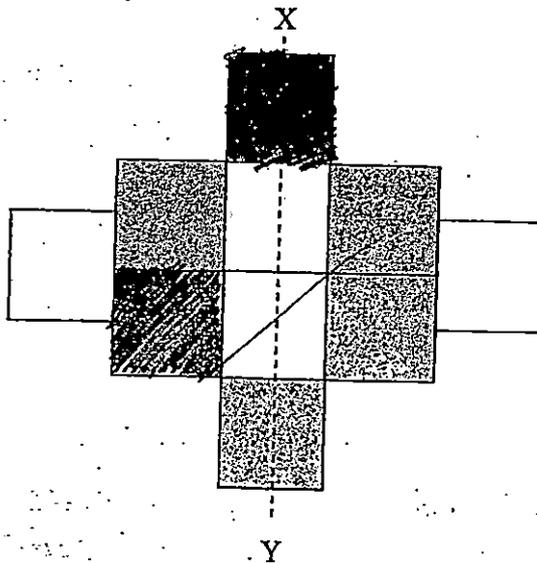
32. The figure below shows 24 hearts. 13 of the hearts are shaded. If $\frac{5}{6}$ of all the hearts are to be shaded, how many more hearts need to be shaded?



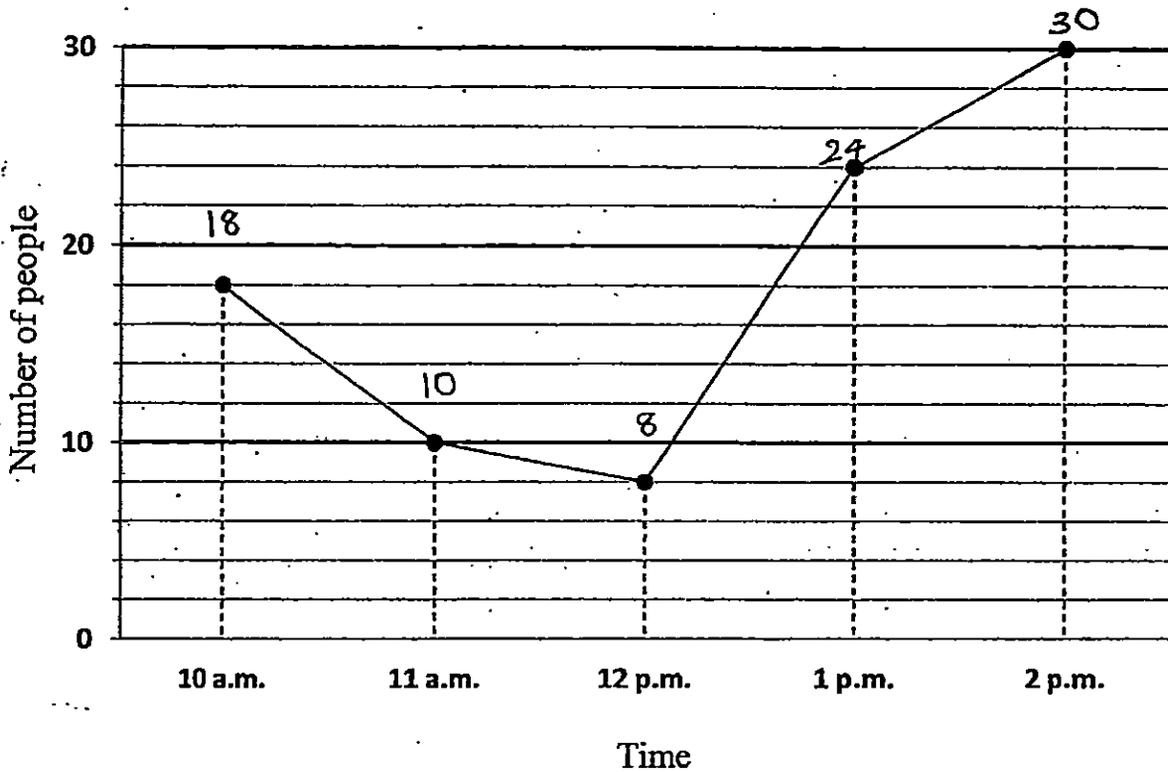
Answer : _____

33. In the figure below, the dotted line XY is the line of symmetry.

Shade two more unit squares on the figure below to complete the symmetric figure.



Study the graph below carefully and answer questions 34 and 35. The graph below shows the number of people who visited a store from 10 a.m. to 2 p.m. on Monday.



34. What was the total number of people who visited the store from 10 a.m. to 2 p.m.?

Answer : _____

35. During which hour was the greatest increase in visitors?

Answer : Between _____ and _____

SECTION C - Problem Sums (30 Marks)

For each question from 36 to 43, show your working and mathematical statements clearly in the space below each question. Write your answer in the answer space provided. Give your answers in the units stated and in its simplest form whenever possible. Marks awarded are shown in the brackets [].

36. Alice bought 6 boxes of apples. Each box contained 25.65 kg of apples. Alice repacked all the apples equally into 9 bags.

What was the mass of apples in each bag?

Answer: _____ [3]

37. 3 pears and 2 mangoes cost \$13.50. A pear and a mango cost \$6.10.

How much does a mango cost?

Answer: _____ [3]

38. $\frac{7}{10}$ of the people at the party were children and the rest were adults.
- a) There are 52 fewer adults than children. How many people were at the party altogether?
 - b) After a while, some children left the party. The number of adults left was three times the number of children remaining. How many children left the party?

Answer: a) _____ [2]

b) _____ [2]

39. Rena left home to go to the market. She walked for 15 minutes to her bus stop. Her bus journey to the market was 55 minutes.

a) How long did she spend travelling to the market from home?

Give your answer in hours and minutes.

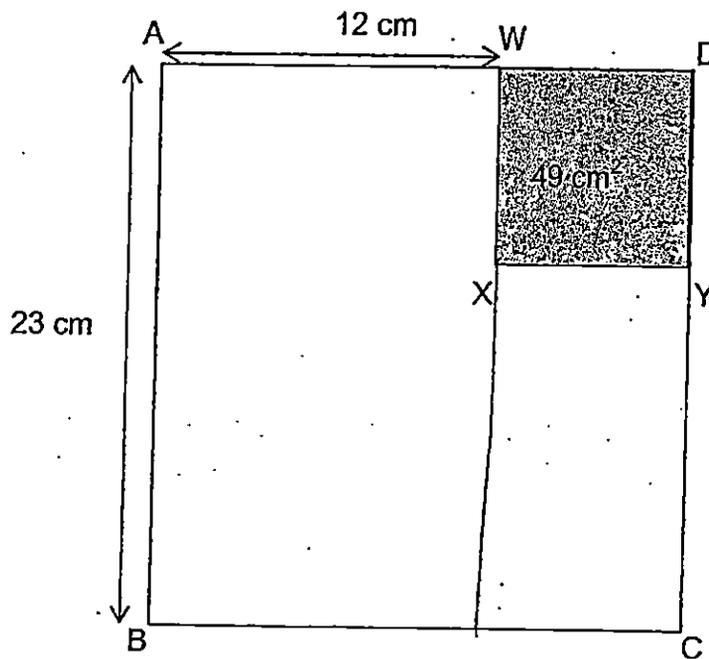
b) She spent 2 h 40 min at the market and left at 14 12. What time did she arrive at the market?

Draw a timeline to show your working.

Answer: (a) _____ [2]

(b) _____ [2]

40. In the figure below, not drawn to scale, ABCD is a rectangle and WXYD is a square. The area of WXYD is 49 cm^2 and AW is 12 cm. Find the area of the unshaded part of the figure.



Answer: _____ [4]

41. In a class library, $\frac{5}{12}$ of the books are English books. $\frac{1}{4}$ of them are Chinese books and the rest are 16 Malay and Tamil books.

a) How many Chinese books are there in the library?

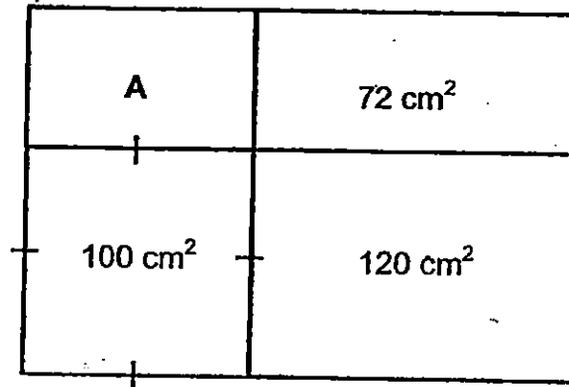
non-english

b) 18 books are then loaned out to pupils. What fraction of the books left are English books?

Answer: a) _____ [2]

b) _____ { 2 }

42. The figure below, not drawn to scale, is made up of a square and 3 rectangles. The square has an area of 100 cm^2 . Find the area of Rectangle A.



Answer: _____ [4]

43. Rose had some money to buy some cupcakes. If she bought 12 cupcakes, she would need \$17 more. If she bought 7 cupcakes, she would be left with \$3. How much money did Rose have?

Answer: _____ [4]

End-of-Paper

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : ANGLO CHINESE SCHOOL (PRIMARY)

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	4	2	3	1	3	3	2	4
Q11	Q12	Q13	Q14	Q15					
3	4	2	4	1					

Q16. 3000

Q17. $15\frac{2}{3}$

Q18. 0.87 (greatest), $\frac{1}{5}$, 0.087 (smallest)

Q19. $3 \rightarrow 2936 \div 7 = 419 R3$

Q20. $\angle a$ and $\angle d$

Q21. $15.66 \rightarrow 7.8 + 7.08 + .78 = 15.66$

Q22. $\frac{2}{3}$ and $\frac{4}{6}$

Q23. Shop B \rightarrow Shop A: $1.10 + 0.75 = 1.85$, Shop B: $1.25 + 0.55 = 1.8$, Shop C: $1.35 + 0.60 = 1.95$

Q24. 0.76

Q25. 2110

Q26. $9.29m \rightarrow 65 \div 7 = 9.28... \approx 9.29$, $65 \div 7 = 9.285 \approx 9.29$

Q27. $2\frac{1}{2} \rightarrow 2 + \frac{3}{10} + \frac{2}{5} = 2 + \frac{3}{10} + \frac{4}{10} = 2\frac{7}{10}$

Q28. $\$31.92 \rightarrow 3.99 \times 8 = 31.92$

Q29. $324cm^2$

Total sides = 10 sides, 10 sides = 180, 1 side = $180 \div 10 = 18$, Area = $18 \times 18 = 324$

Q30. 6:12p.m.

A (every 3 minutes) : 3, 6, 9, 12, 15, ...

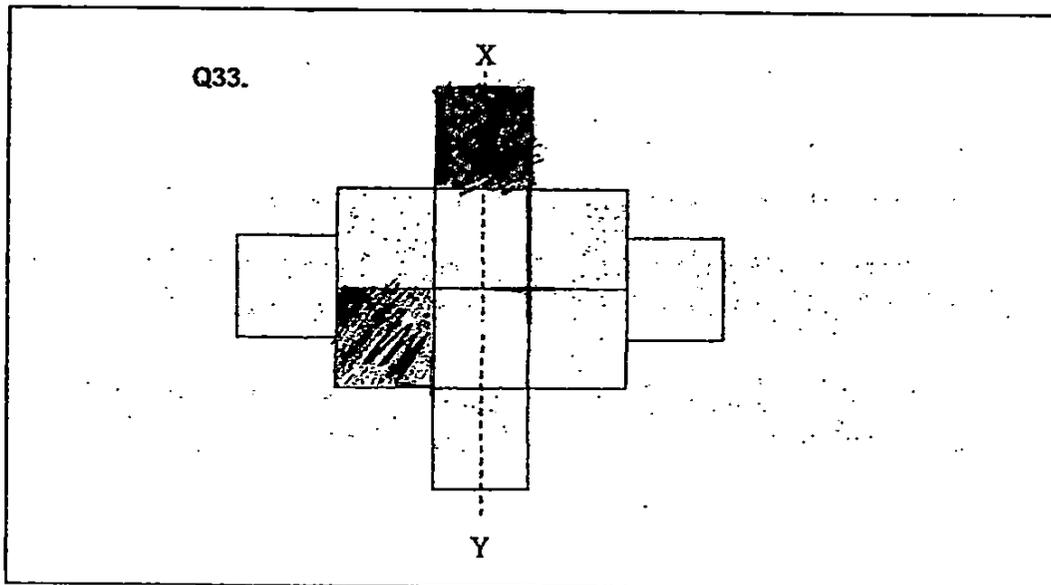
B (every 4 minutes) : 4, 8, 12, 16, ...

C (every 6 minutes) : 6, 12, 18, 24, ...

Q31. $47^\circ \rightarrow 24 = 19 = 42$, $90 - 43 = 47$

Q32. 7 more $\rightarrow 20 - 13 = 7$

Q33. SEE PICTURE



Q34. 90 visitors $\rightarrow 18+10+8+24+30=90$ Q35. Between 12p.m and 1p.m

Q36. 17.1kg $\rightarrow 25.65 \times 6 = 153.90, 153.90 \div 9 = 17.1$

Q37. \$4.80

3P & 3M = 13.50, 1P & 1M = 6.10,

2P & 1M = 13.50 - 6.10 = 7.40, 1P = 7.40 - 6.10 = 1.30, 1M = 6.10 - 1.30 = 4.80

Q38a. 130 $\rightarrow 1u: 52 \div 4 = 13, 10u: 13 \times 10 = 130$

Q38b. 78 $\rightarrow 39 \div 3 = 13, 91 - 13 = 78$

Q39a. 1hr 10min $\rightarrow 55\text{min} + 15\text{min} = 70\text{min} = 1\text{h}10\text{min}$ Q39b. 1132

Q40. 388cm²

WD = $\sqrt{49} = 7, YC = 23 - 7 = 16,$

Area of F = $16 \times 7 = 112, \text{Area of E} = 23 \times 12 = 276$

Area of E & F $\rightarrow 276 + 112 = 388$

Q41a. 12 Chinese books

4u $\rightarrow 16, 1u 16 \div 4 = 4, 3u 4 \times 3 = 12$

Q41b. $\frac{2}{3}$

5u $\rightarrow 4 \times 5 = 20, 12u 4 \times 12 = 48, 48 - 18 = 30, \frac{20}{30} = \frac{2}{3}$

Q42. 60cm² $\rightarrow \sqrt{100} = 10, 120 \div 10 = 12, 72 \div 12 = 6, 10 \times 6 = 60$

Q43. \$31

Gap = 5 cupcakes, difference = $17 - 3 = 20, 1 \text{ cupcake} = 20 \div 5 = 4$

12 cupcakes = $12 \times 4 = 48, 48 - 17 = 31$

7 cupcakes = $7 \times 4 = 28, 28 + 3 = 31$



SEMESTRAL ASSESSMENT 2 (2015)

**PRIMARY 4
MATHEMATICS**

Booklet A

Monday

2 November 2015

1 h 45 min

Name: _____ () Class: 4.()

INSTRUCTIONS TO PUPILS

- 1 Do not turn over the pages until you are told to do so.
- 2 Follow all instructions carefully.
- 3 There are 20 questions in this booklet.
- 4 Answer ALL questions.
- 5 Shade your answers in the Optical Answer Sheet (OAS) provided.

Section A (20 × 2 marks)

For each question, four options are given. Choose the correct answer and shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet provided.

1. 65 563 rounded off to the nearest hundred is _____.

- (1) 65 000
- (2) 65 500
- (3) 65 600
- (4) 66 000

2. 42 thousands and 2 tens is the same as _____.

- (1) 422
- (2) 4220
- (3) 42 002
- (4) 42 020

3. How many one-fifths are there in 3 wholes?

- (1) $1\frac{2}{3}$
- (2) $\frac{3}{5}$
- (3) 5
- (4) 15

4. $\frac{1}{3} + \frac{1}{12} = \underline{\hspace{2cm}}$.

(1) $\frac{1}{36}$

(2) $\frac{2}{3}$

(3) $\frac{2}{15}$

(4) $\frac{5}{12}$

5. In the number 43.57, the digit is in the tenths place.

(1) 5

(2) 7

(3) 3

(4) 4

6. Which number below is 2.3 less than 4.69?

(1) 2.39

(2) 4.46

(3) 4.92

(4) 6.99

7. When 6 795 is divided by 8, the remainder is .

(1) 1

(2) 2

(3) 3

(4) 4

8. Which of the following figures has parallel lines?

(1)



(2)



(3)



(4)



9. 572 hundredths is the same as _____.

(1) 0.572

(2) 5.72

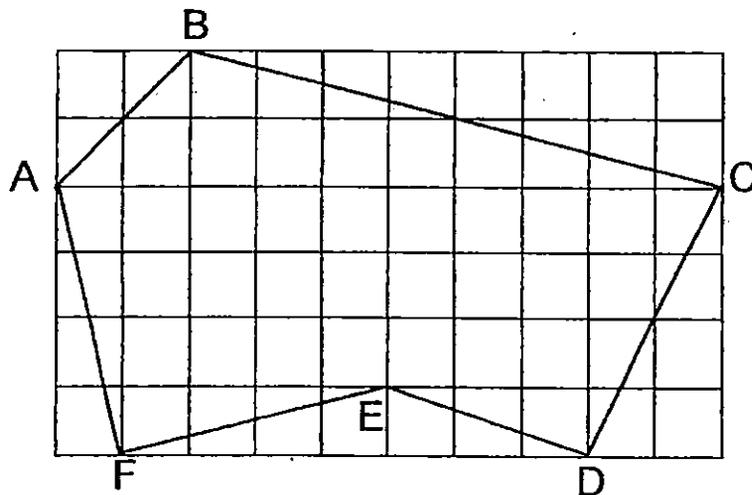
(3) 57.2

(4) 572.0

10. Suresh had 1 m of string. He cut 3 pieces of string, each measuring 20 cm and gave them to his sister. What fraction of the string was left?

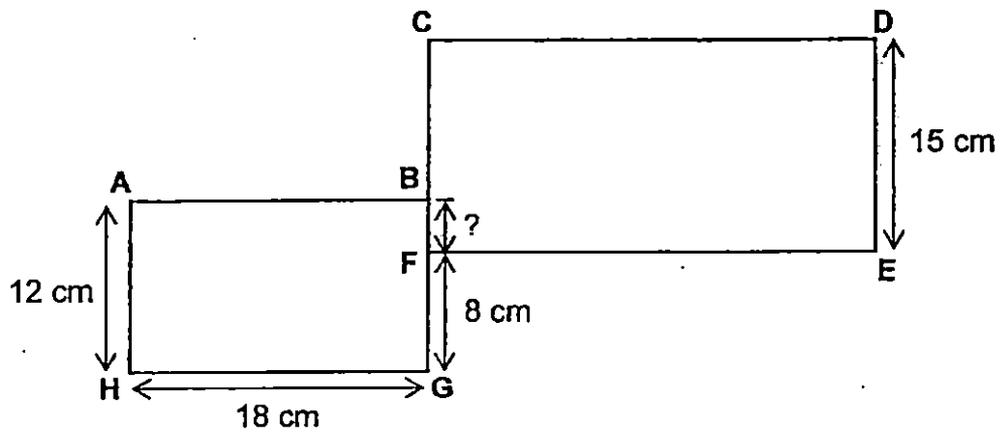
- (1) $\frac{1}{3}$
- (2) $\frac{2}{5}$
- (3) $\frac{3}{5}$
- (4) $\frac{1}{20}$

11. Figure ABCDEF is drawn on the square grid shown. Which one of the following statements is true?

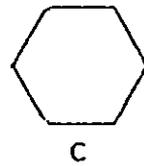
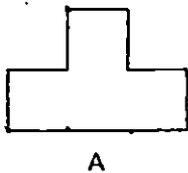


- (1) BC is a vertical line
- (2) AB is parallel to CD
- (3) AF is perpendicular to FE
- (4) DE is a horizontal line

12. All lines in the figure below meet at right angles. Find the length of BF.



- (1) 6 cm
 (2) 7 cm
 (3) 10 cm
 (4) 4 cm
13. Zac wants to choose the unit shape that can tessellate to make his own gift wrapping paper pattern. Which of these shapes can he choose from?

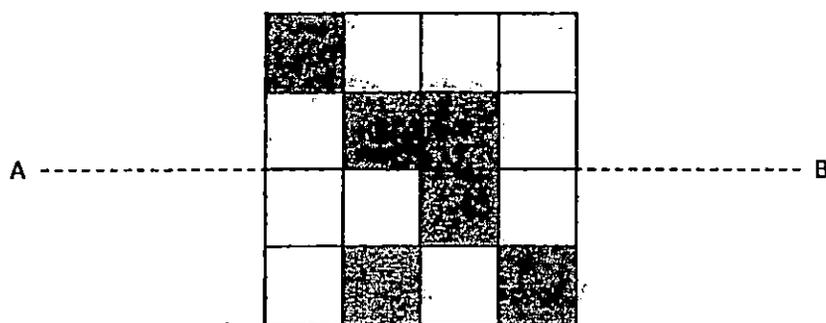


- (1) A only
 (2) A and B only
 (3) A and C only
 (4) A, B and C

14. The movie started at 19 15. It ended at 21 05. How long was the movie?

- (1) 1 h 10 min
- (2) 1 h 50 min
- (3) 2 h 10 min
- (4) 2 h 50 min

15. The dotted line AB is a line of symmetry. What is the least possible number of squares that you should shade to make the figure symmetrical?



- (1) 1
- (2) 2
- (3) 3
- (4) 4

16. Mrs Kaili bought 4 kilograms of grapes. Each kilogram cost \$6.45. She paid the cashier \$50. How much change did she receive?

- (1) \$24.20
- (2) \$25.80
- (3) \$39.50
- (4) \$43.55

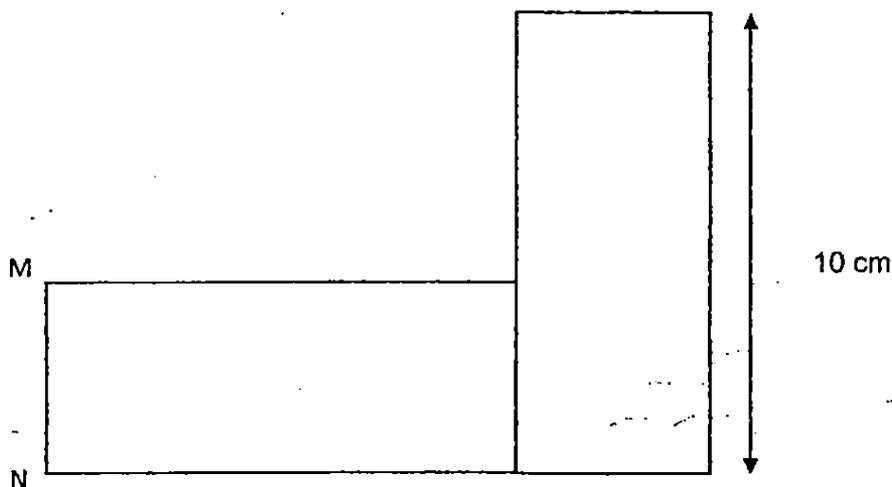
The table shows the growth of a plant in terms of its height. Study the table and answer Question 17.

Week	1st	2 nd	3rd	4th	5th
Height (cm)	5.5	12	18	22.5	28

17. During which one-week period was the growth the most?

- (1) Between the 1st week and the 2nd week
- (2) Between the 2nd week and the 3rd week
- (3) Between the 3rd week and the 4th week
- (4) Between the 4th week and the 5th week

18. The figure below is made up of 2 similar rectangles. The area of the whole figure is 80 cm^2 . Find the length of MN.

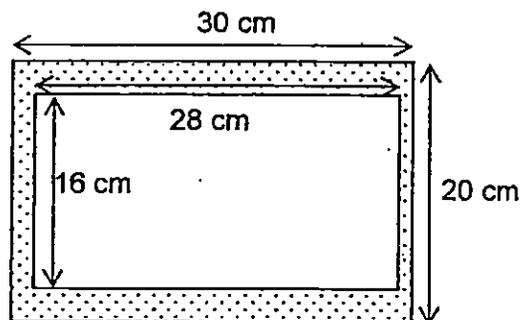


- (1) 8 cm
- (2) 10 cm
- (3) 20 cm
- (4) 4 cm

19. Peter made 76 paper aeroplanes in four days. Each day after the first day, he made 6 more paper aeroplanes than the day before. How many paper aeroplanes did he make on the first day?

- (1) 10
- (2) 13
- (3) 17
- (4) 18

20. A photograph measuring 28 cm by 16 cm is mounted on a frame measuring 30 cm by 20 cm. Find the area of the border.



- (1) 152 cm²
- (2) 188 cm²
- (3) 448 cm²
- (4) 600 cm²

End of Booklet A

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2015)

PRIMARY 4 MATHEMATICS

Booklet B

Monday

2 November 2015

1 h 45 min

Name: _____

Class: 4.()

Parent's Signature: _____

INSTRUCTIONS TO PUPILS

- 1 Do not turn over the pages until you are told to do so.
- 2 Follow all instructions carefully.
- 3 There are 25 questions in this booklet.
- 4 Answer ALL questions.

Section	Possible Marks	Marks Obtained
A	40	
B	40	
C	20	
Total	100	

This question paper consists of 12 printed pages (inclusive of cover page).

Section B (20 × 2 marks)

For each question, write your answer in the boxes provided. Give your answer in the units stated.

21. Write twenty-eight thousand and forty-six in figures.

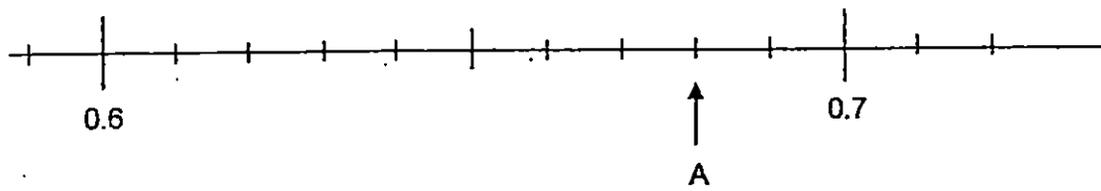
22. Find the product of 2480 and 7

23. Which two of the fractions below are smaller than $\frac{1}{2}$?

$$\frac{3}{4}, \frac{4}{9}, \frac{5}{11}, \frac{6}{12}$$

24. Find the value of $1 - \frac{1}{8} - \frac{3}{4}$.

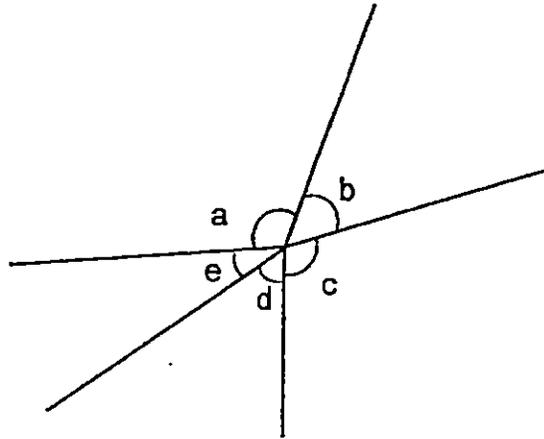
25. Write the decimal represented by A.



26. Find the value of 5.92×6 .

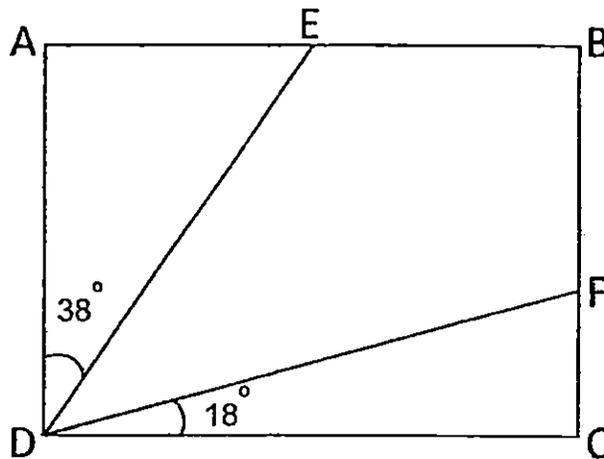
27. Write $\frac{17}{7}$ as a mixed number in its simplest form.

28. In the figure, name the two angles that are greater than 90° .



\angle ___ and \angle ___

29. In the figure shown, ABCD is a rectangle. Find $\angle EDF$.

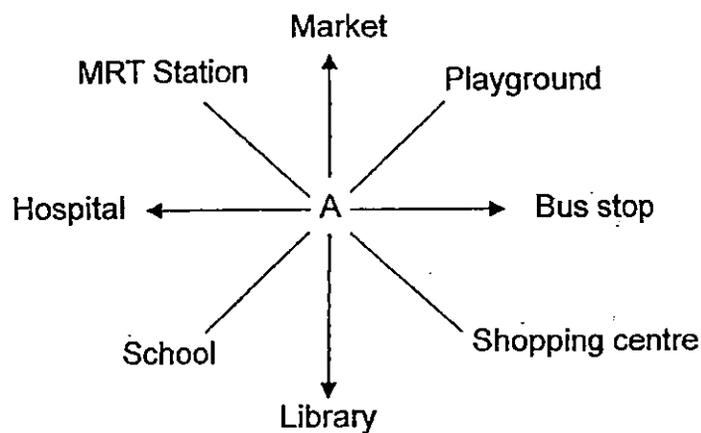


°

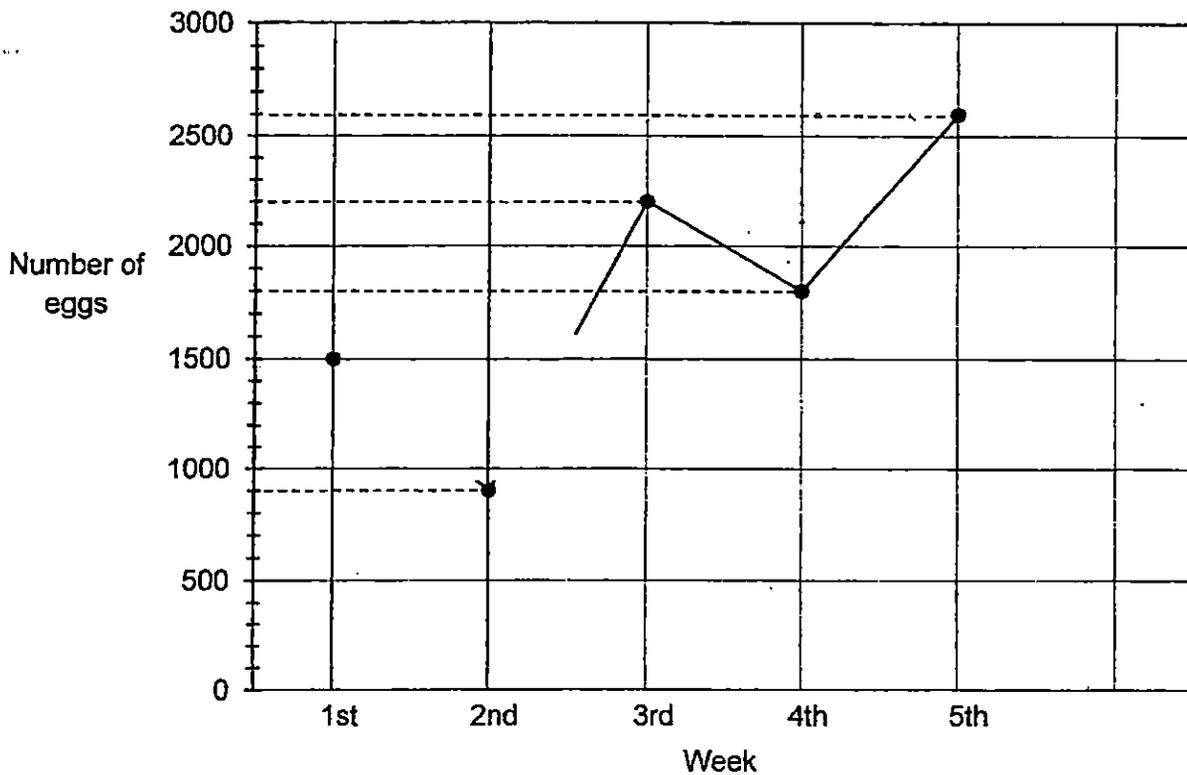
30. Write 0.45 as a fraction in its simplest form.

31. Jonathan went to sleep at 21 40. He slept for 7 h 30 min. At what time did he wake up? (Give your answer using the 24-hour clock)

32. Robert is standing at the point A in the figure below. He is facing the school. Where will he face if he makes a $\frac{3}{4}$ -turn in an anti-clockwise direction?



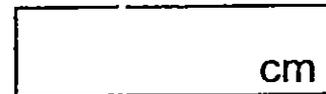
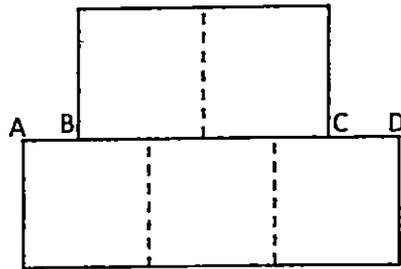
The graph below shows the number of eggs a baker used in 5 weeks. Study the graph carefully and answer Questions 33 and 34.



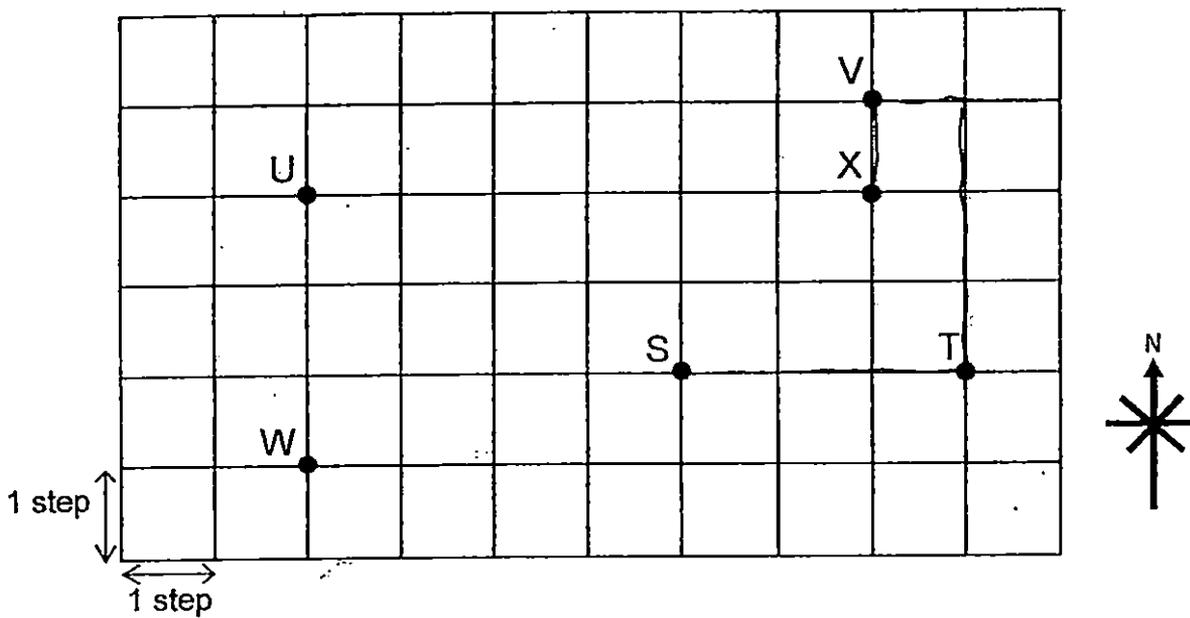
33. What was the increase in the number of eggs used between the 4th and the 5th week?

34. The baker used 8 eggs to bake a cake. How many cakes did he bake altogether from the 1st week to the 3rd week?

35. The figure below is made up of 5 identical squares of sides 5 cm. Find the total length of AB and CD.



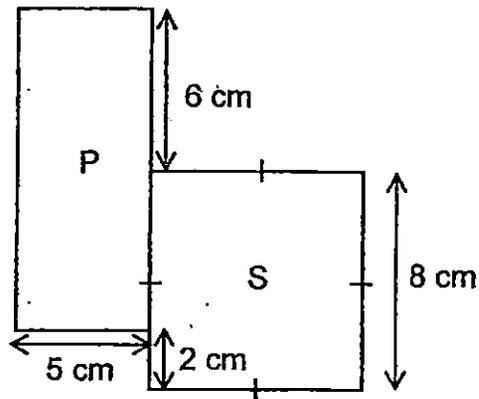
Study the diagram below and answer Question 36.



36. Nancy was at Point S. She walked 3 steps to the east, 3 steps to the north, 1 step to the west and then 1 step due south. At which point would she have landed?

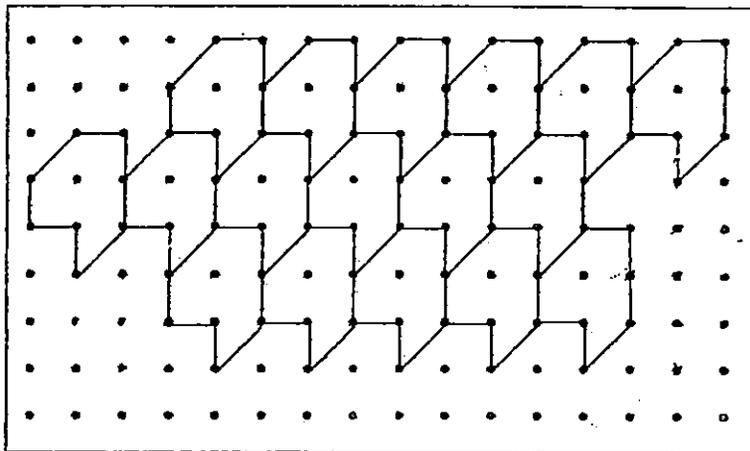
Point _____

37. The figure below is made up of a rectangle P and a square S. Find the perimeter of the figure.



cm

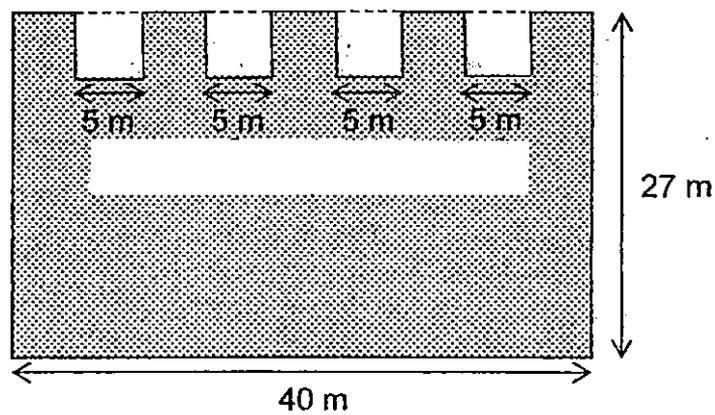
38. In the tessellation below, the unit shape is . Extend the tessellation in the space provided by adding 4 more unit shapes.



39. Pole S is twice as long as Pole T. Pole U is 148 cm shorter than Pole S. Pole U is 930 cm long. What is the length of Pole T?

 cm

40. Mrs Lim has a rectangular garden fully covered with grass. 4 squares of grass were removed as shown in the diagram below. What is the area of the garden covered with grass now?


 m²

Section C (5 × 4 marks)

Work out the following sums carefully. Show each step of your working clearly as marks will be given for working and relevant statements.

41. Ash bought 8 packets of flour. The mass of each packet of flour was the same. He used some flour to make 9 loaves of bread. He used 1.25 kg of flour for each loaf of bread.
- What was the total mass of flour Ash used to bake 9 loaves of bread?
 - Ash then had 3.15 kg of flour left. What was the mass of each packet of flour he bought?
-
42. Mrs Wong made $\frac{4}{5}$ litre of apple juice. She gave Raj $\frac{1}{5}$ litre of apple juice. She gave some apple juice to Oliver. Oliver had $\frac{3}{10}$ litre of apple juice more than Raj.
- How much apple juice did Oliver and Raj have altogether?
 - How much apple juice had Mrs Wong left?

--

43. Licia, Krisnam and Imran collected a total of 2371 stamps. Licia collected three times as many stamps as Krisnam. Imran collected 138 more stamps than Licia. How many stamps did Imran collect?

44. Andy had 460 toy cars and some toy motorcycles. He gave away 96 toy motorcycles. In the end, he had 4 times as many toy cars as toy motorcycles. How many toy motorcycles did Andy have at first?

45. In a bookshop, 2 pens and 3 files cost \$11.20. Joseph bought 3 pens and 4 files at \$15.40 from the book shop.
- (a) Find the cost of 1 pen and 1 file.
 - (b) What was the cost of 1 file?

End of Booklet B

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : ANGLO CHINESE SCHOOL (JUNIOR)

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	4	4	1	1	3	2	2	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	4	3	2	4	1	1	4	1	1

Q21. 28 046

Q22. 17 360

Q23. $\frac{4}{9}$ and $\frac{5}{11}$

Q24. $\frac{1}{8}$

Q25. 0.68

Q26. 35.52

Q27. $2\frac{3}{7}$

Q28. $\angle a$ and $\angle c$

Q29. $34^\circ \rightarrow 90 - 38 - 18 = 90 - 56 = 34$

Q30. $\frac{9}{20} \rightarrow 0.45 = \frac{45}{100} = \frac{9}{20}$

Q31. 0.510

Q32. MRT station

Q33. 800 eggs $\rightarrow 2600 - 1800 = 800$

Q34. 575 cakes $\rightarrow 1500 + 900 + 2200 = 4600, 4600 \div 8 = 575$

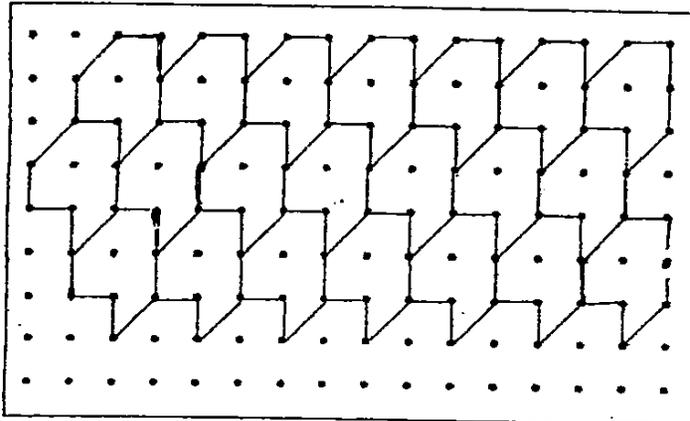
Q35. 5cm

Q36. Point X

Q37. 54cm $\rightarrow 8+5=13, 8+6=14, 13+14=13+14=54$

Q38. SEE PICTURE

Q39. 539cm $\rightarrow 930 + 148 = 1078, 1078 \div 2 = 539$



Q40. $980\text{m}^2 \rightarrow 40 \times 27 = 1080, 5 \times 5 = 25, 25 \times 4 = 100, 1080 - 100 = 980$

Q41a. 11.25kg of flour

1 loaf of bread $\rightarrow 1.25\text{kg}$, 9 loaves of bread $\rightarrow 1.25\text{kg} \times 9 = 11.25\text{kg}$

Q41b. $1.8\text{kg} \rightarrow 11.25 + 3.15 = 14.4, 14.4 \div 8 = 1.8$

Q42a. $\frac{7}{10}$ litres of apple juice

$$\frac{4}{5} - \frac{1}{5} = \frac{3}{5}, \quad \frac{1}{5} + \frac{3}{10} = \frac{2}{10} + \frac{3}{10} = \frac{5}{10} = \frac{1}{2}$$

$$\frac{3}{5} + \frac{1}{2} = \frac{2}{10} + \frac{5}{10} = \frac{7}{10}$$

Q42b. $\frac{1}{10} - \frac{4}{5} - \frac{7}{10} = \frac{8}{10} - \frac{7}{10} = \frac{1}{10}$

Q43. 1095 stamps

$7\text{u} \rightarrow 2371 - 138 = 2233, 1\text{u} \rightarrow 2233 \div 7 = 319, 3\text{u} \rightarrow 319 \times 3 = 957, 1 \rightarrow 957 + 138 = 1095$

Q44. $211 \rightarrow 460 \div 4 = 115, 115 + 96 = 211$

Q45a. $44.20 \rightarrow 2\text{p} + 3\text{f} \rightarrow 11.20, 3\text{p} + 4\text{f} \rightarrow 15.40, 1 \text{ pencil} \rightarrow 15.40 - 11.20 = 4.20$

Q45b. $2.80 \rightarrow 2 \text{ pens and } 2 \text{ files} \rightarrow 4.20 \times 2 = 8.40, 1 \text{ file} \rightarrow 11.20 - 8.40 = 2.80$



HENRY PARK PRIMARY SCHOOL
2015 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 4

Name: _____ ()

Parent's Signature

Class: Primary 4 _____

Duration of Paper: 1 h 45 min

Marks:

Section A (MCQ)	20
Section B (Open-Ended)	50
Section C (Problem Sums)	30
Total	100

Section A: Multiple Choice Questions (10 x 2 marks = 20 marks)

Read each question carefully. For each question, 4 options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct ovals on the Optical Answer Sheet.

1. In which of the following numbers does the digit 2 stand for 2000?

- (1) 12 407
- (2) 27 408
- (3) 37 204
- (4) 74 025

2. 84 351 rounded off to the nearest hundred is _____.

- (1) 84 300
- (2) 84 350
- (3) 84 400
- (4) 84 451

3. Arrange the following fractions from the smallest to the greatest.

$$\frac{1}{2}, \frac{3}{4}, \frac{5}{8}$$

- (1) $\frac{1}{2}, \frac{3}{4}, \frac{5}{8}$
- (2) $\frac{1}{2}, \frac{5}{8}, \frac{3}{4}$
- (3) $\frac{3}{4}, \frac{5}{8}, \frac{1}{2}$
- (4) $\frac{5}{8}, \frac{3}{4}, \frac{1}{2}$

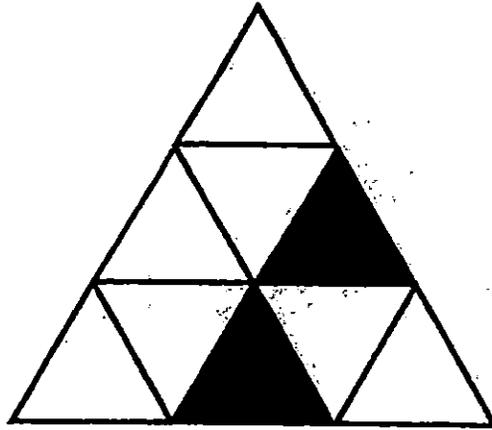
4. The figure shown is made up of identical triangles. What fraction of the figure is shaded?

(1) $\frac{2}{7}$

(2) $\frac{2}{9}$

(3) $\frac{7}{2}$

(4) $\frac{7}{9}$



5. In the number 9.876, which digit is in the tenths place?

(1) 6

(2) 7

(3) 8

(4) 9

6. Express 0.08 as a fraction in its simplest form.

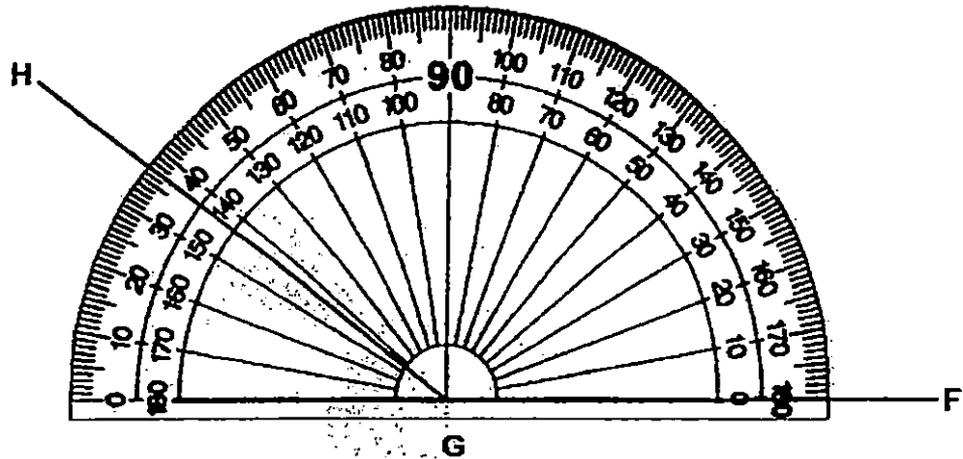
(1) $\frac{1}{8}$

(2) $\frac{2}{25}$

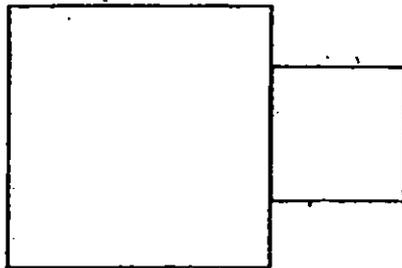
(3) $\frac{1}{10}$

(4) $\frac{4}{5}$

7. Find the value of $\angle FGH$.

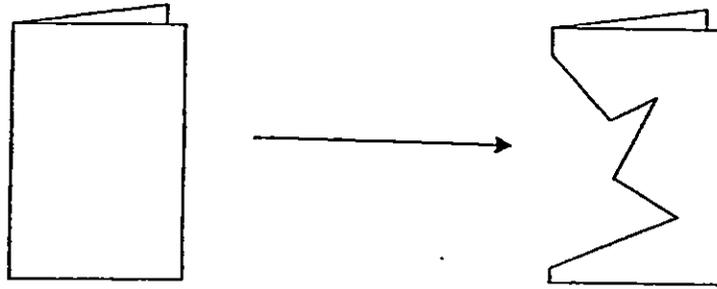


- (1) 37°
 - (2) 43°
 - (3) 143°
 - (4) 157°
8. The figure below is made up of 2 squares. The length of the smaller square is half the length of the bigger square. Given that the perimeter of the whole figure is 60 cm, find the length of the bigger square.

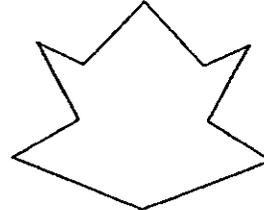
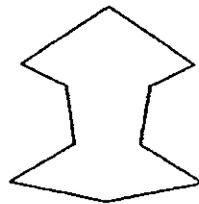
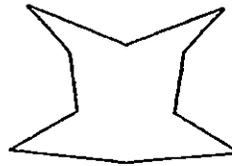
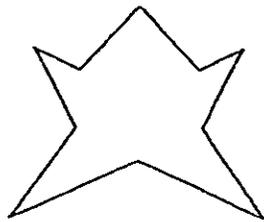


- (1) 5 cm
- (2) 6 cm
- (3) 10 cm
- (4) 12 cm

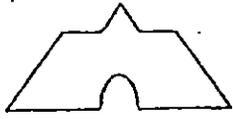
9. Alicia folded a piece of paper and cut out a shape as shown below.



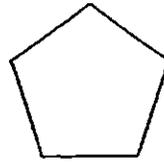
Which of the following figures below did Alicia cut out from the folded piece of paper?



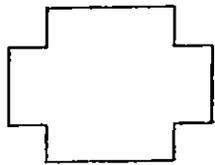
10. Which of the following shapes cannot be tessellated?



A



B



C



D

- (1) A and B
- (2) B and C
- (3) C and D
- (4) D and A

(Go on to Section B)

NAME: _____ () CLASS: Primary 4 _____

Section B: Open-Ended Questions (25 x 2 marks = 50 marks)

Read the questions carefully and write the correct answer in the blanks provided. Show all workings clearly.

11. Write the missing number in the number pattern below.

13 000 , 12 200 , 11 400 , 10 600 , _____ , 9000

Ans: _____

12. Two factors of 10 are 1 and 10. What are the other two factors of 10?

Ans: _____ and _____

13. Find the product of 4705 and 6.

Ans: _____



14. How many one-ninths are there in 3 wholes?

Ans: _____ one-ninths

15. Find the value of $1 - \frac{1}{12} - \frac{1}{3}$

Ans: _____

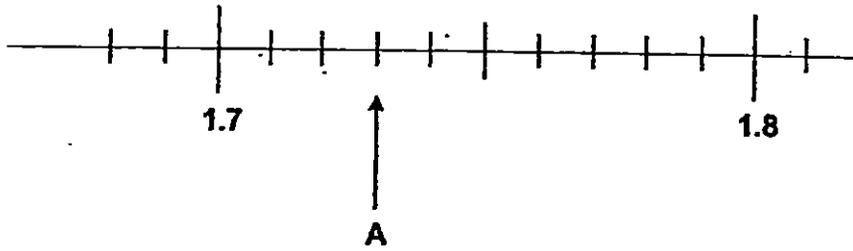
16. Which two of the fractions below are equivalent to $\frac{6}{8}$?

$\frac{3}{4}$, $\frac{4}{6}$, $\frac{10}{12}$, $\frac{12}{16}$

Ans: _____ and _____



17. Write the decimal represented by A.

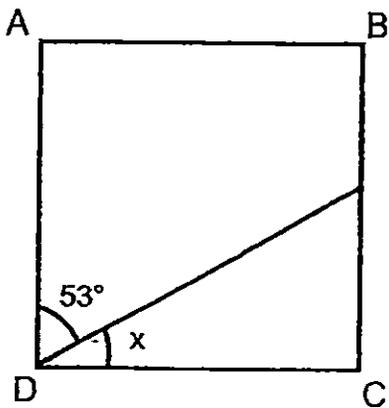


Ans: _____

18. Express 0.4 as a fraction.

Ans: _____

19. ABCD is a square. Find $\angle x$.



Ans: _____^o



20. Look at the numbers below. Find the sum of the **smallest** and **greatest** numbers.

2539

2689

2953

2839

Ans: _____

21. What is the sum of the first and second common multiples of 5 and 7?

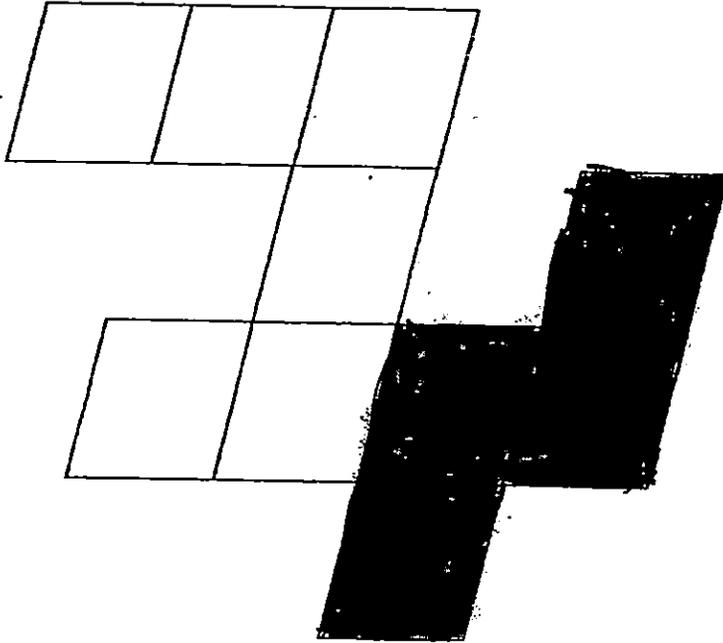
Ans: _____

22. Peter ate $\frac{1}{3}$ of a pizza for lunch. He ate $\frac{1}{4}$ of the pizza for dinner.

What fraction of the pizza did Peter have left?

Ans: _____

23. Shade $\frac{2}{5}$ of the figure shown below.

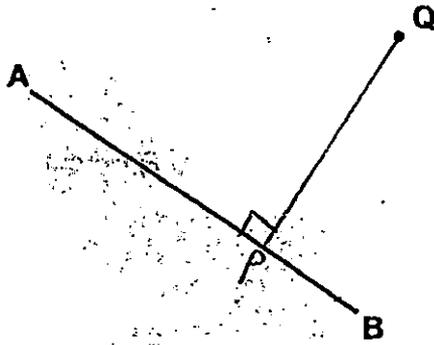


24. Kate, Lisa and Minah participated in a running competition. Kate ran 2.48 km. She ran 0.54 km more than Lisa. Lisa ran 1.5 km less than Minah. What was the distance Minah ran?

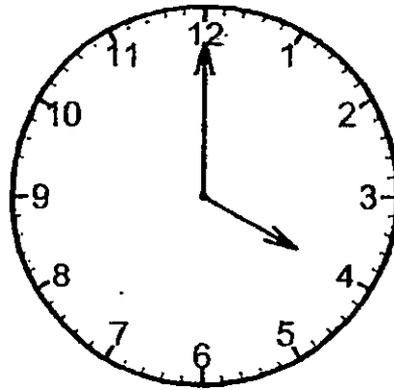
Ans: _____ km



25. Draw a line PQ such that it is perpendicular to AB and passes through point Q.



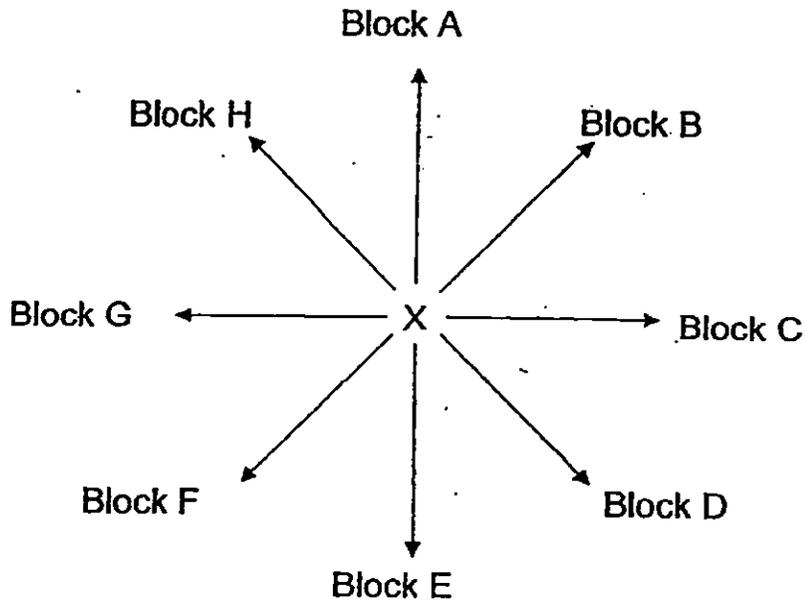
26. How many $\frac{1}{4}$ -turns in the clockwise direction would the hour hand on the clock make from 4 a.m. to 1 p.m. ?



Ans: _____ $\frac{1}{4}$ -turns

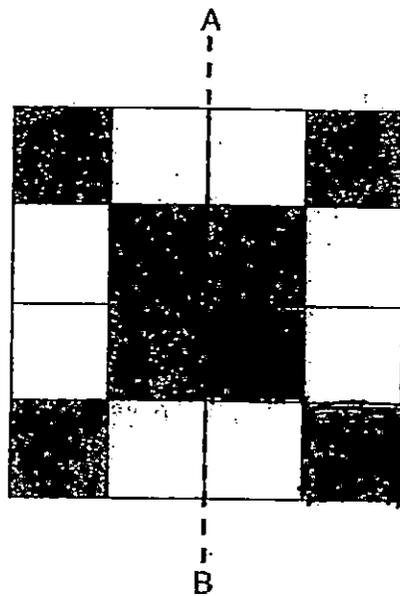


27. Tim is standing at Point X and facing Block H. He makes a 135° turn in the anti-clockwise direction. Which block will he be facing after making the turn?

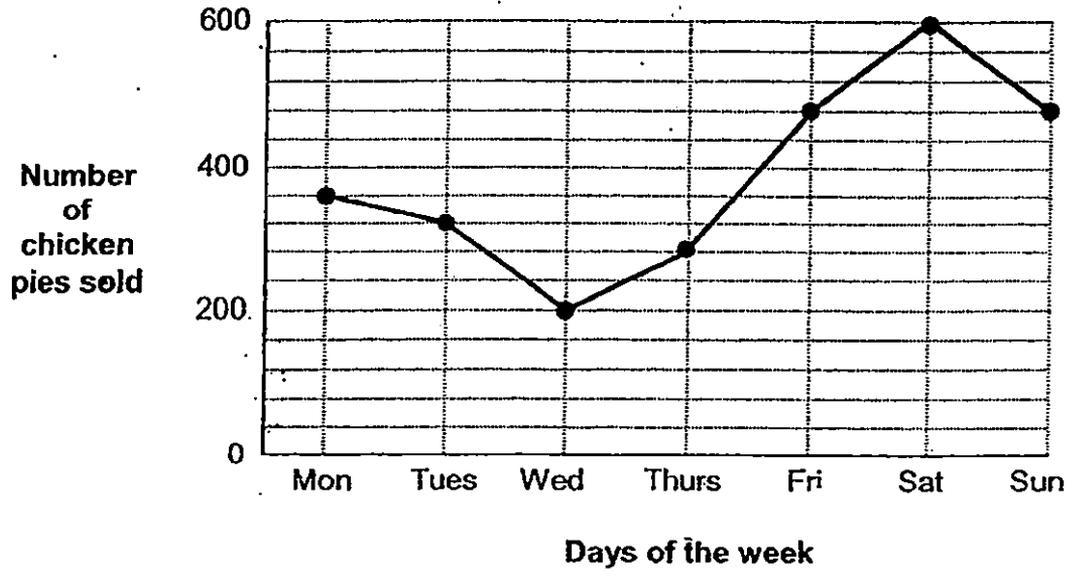


Ans: _____

28. The figure below is made up of identical squares. Shade 2 more squares in the figure below so that AB becomes the line of symmetry.



The line graph below shows the number of chicken pies Mr Lee sold in a particular week. Study the graph and answer questions 29 and 30.



29. How many more chicken pies did Mr Lee sell on Friday than Thursday?

Ans: _____

30. Mr Lee sold each chicken pie for \$3.00. What was the total amount Mr Lee received from the sales of the chicken pies on Saturday and Sunday?

Ans: \$ _____



31. Danny started his piano practice at 10.30 a.m. and ended his piano practice at 1.15 p.m. He took a 25-minute break in between his piano practice. How much time did Danny spend practising on his piano? Give your answer in hours and minutes.

Ans: _____ h _____ min

32. There are 36 classes in a school. Each class has 39 students. Each student raised \$9 for charity. What was the total amount of money raised by the students?

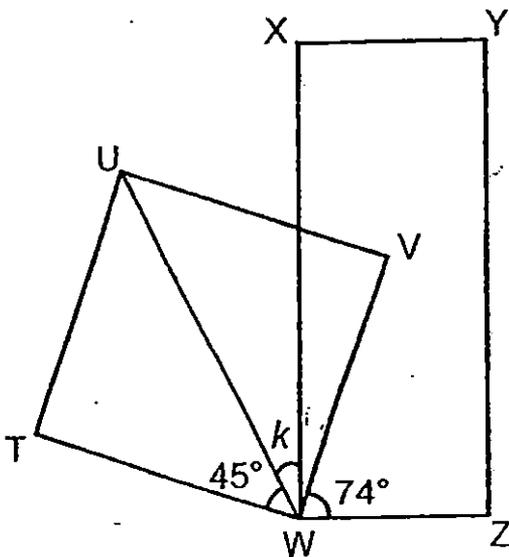
Ans: \$ _____



33. Sean mixed 8 similar bottles of water with 0.56 litres of orange syrup to make an orange drink. The capacity of each bottle of water was 1.7 litres. How many litres of orange drink did Sean make?

Ans: _____ litres

34. In the figure below, TUVW is a square and WXYZ is a rectangle. $\angle TWU = 45^\circ$ and $\angle VWZ = 74^\circ$. Find $\angle k$.



Ans: _____



35. Jenny's colour printer takes $\frac{1}{4}$ minute to print one large photograph. Jenny set the colour printer to print 32 such large photographs continuously. What is the latest time Jenny must start printing so that the photographs are printed by 2.05 p.m.?

Ans: _____

(Go on to Section C)



NAME: _____

CLASS: Primary 4 _____

Section C: Problem Sums (30 marks)

Read the following problem sums carefully. You may draw models to help you. Show all working clearly and write your answers in the spaces provided. The number of marks allocated is shown in the brackets [] at the end of each question.

36. Lynn had a ribbon 30 m long. She gave 750 cm of the ribbon to her sister and used the remaining length to make bows.
- (a) What was the length of ribbon Lynn had left after giving her sister 750 cm of the ribbon?
- (b) Lynn used exactly the same length of ribbon to make each bow. She made a total of 9 such bows. What was the length of ribbon used for each bow?

Ans: (a) _____ [2]

(b) _____ [2]



37. Jeffery spent $\frac{1}{8}$ of his monthly salary and saved \$161. Given that he saved the same amount of money each month, how much money did Jeffrey earn in 12 months?

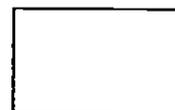
Ans: _____ [4]

38. A tennis racket costs 3 times as much as a basketball. 1 tennis racket and 4 such basketballs cost \$287.35. How much does the tennis racket cost?

Ans: _____ [3]

39. In Sunshine Primary School, flag poles are placed at equal distance apart in a straight line. The distance between the 1st and 5th flag pole is 11.6 m. There are a total of 8 flag poles. What is the distance between the first and last flag pole?

Ans: _____ [3]



40. Harold bought some mangosteens and repacked them into bags of 25. He had 175 such bags of mangosteens and 7 mangosteens left.

a) How many mangosteens did Harold buy?

b) Harold wanted to have 180 bags of mangosteens. How many more mangosteens must he buy?

Ans :a) _____ [2]

b) _____ [2]

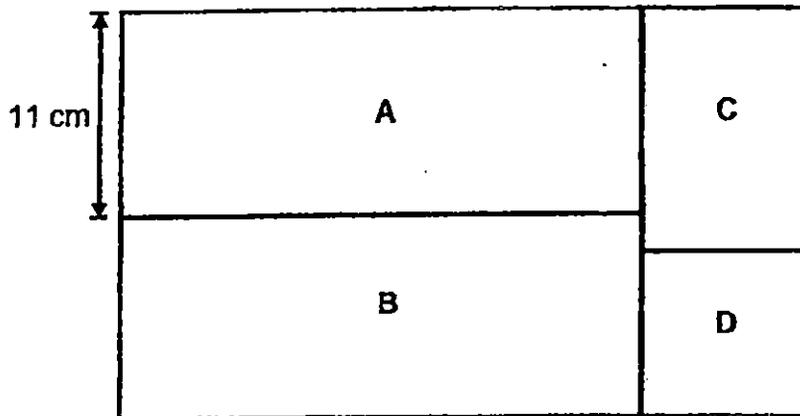


41. Mrs Ang had a total of 306 dresses for sale. She sold $\frac{2}{3}$ of the dresses to Shop A and $\frac{1}{9}$ of the dresses to Shop B. How many dresses had she left?

Ans: _____ [4]



42. The figure below is made up of 3 rectangles A, B and C and square D. Rectangle A and Rectangle B are identical. Rectangle A has a breadth of 11 cm. The area of Square D is 81 cm^2 . What is the perimeter of Rectangle C?



Ans: _____ [4]



43. Sam has 7.2 kg of flour. Beth has 3.14 kg less flour than Sam. Sam and Beth want to bake 7 cakes for their class party. Each cake requires 1.35 kg of flour. How much flour would they have left after baking their cakes?

Ans: _____ [4]



-END OF PAPER-

Setters: Mrs Chia Seow Wei, Mrs Emily Tang, Mrs Phyllis Voo, Mr Philip Ho,
Mdm Yvonne Lee

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : HENRY PARK PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	3	2	2	3	2	3	4	4	1

Q11. 9800

Q12. 2 and 5

Q13. 28330

Q14. 27 one-ninths

Q15. $\frac{7}{12} - \frac{12}{12} - \frac{4}{12} - \frac{1}{12} = \frac{7}{12}$

Q16. $\frac{3}{4}$ and $\frac{12}{16}$

Q17. 1.73

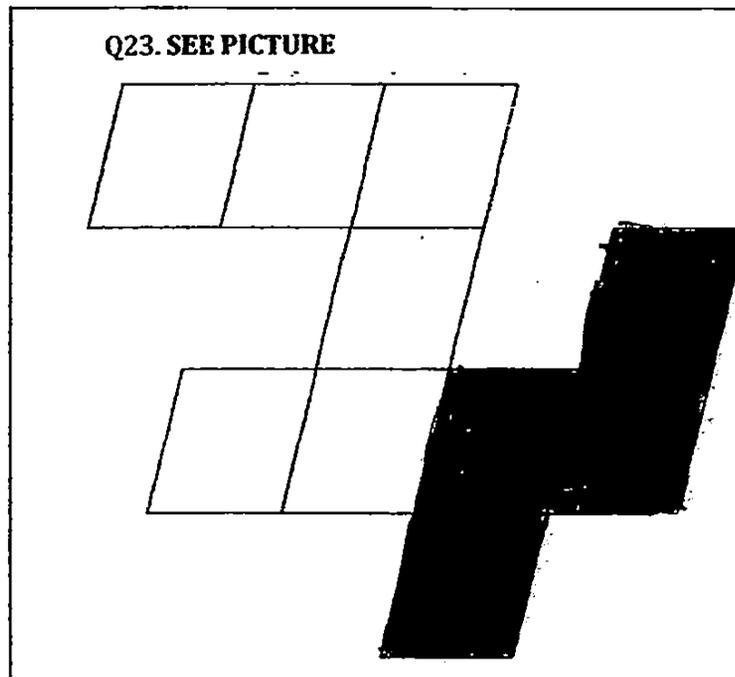
Q18. $\frac{4}{10}$

Q19. $37^\circ \rightarrow 90 - 53 = 37$

Q20. $5492 \rightarrow 2953 + 2539$

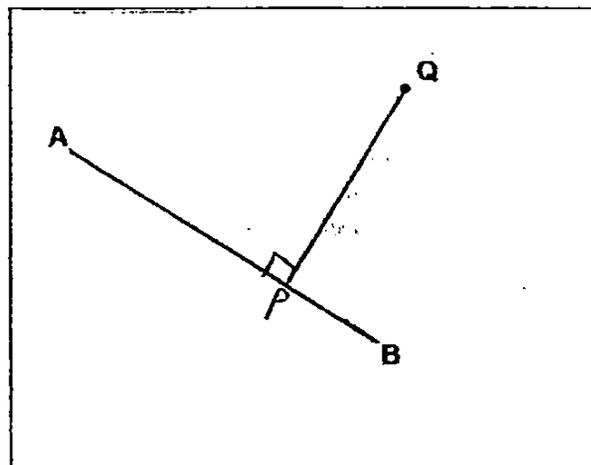
Q21. $105 \div 5 = 5, 10, 7 = 7, 14$

Q22. $\frac{5}{12}$



Q24. $3.44\text{km} \rightarrow 2.48 - 0.54 = 1.94$

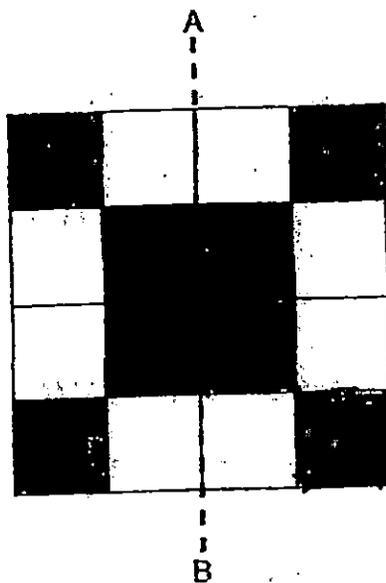
Q25. SEE PICTURE



Q26. $3\frac{1}{4}$ turns

Q27. Block E

Q28. SEE PICTURE



Q29. 200

Q30. $\$3240 \ 1080 \times 3 = 3240$

Q31. 2h 20min $\rightarrow 45 - 25 = 20$. Q32. $12636 \rightarrow 1404 \times 9 = 12636$

Q33. 14.16litres Q34. $29^\circ \rightarrow 90 - 74 = 16, 45 - 16 = 29$

Q35. 1.57pm

Q36a. $2250\text{cm} \rightarrow 30\text{m} = 3000\text{cm}, 3000 - 750 = 2250\text{cm}$

Q36b. $250\text{cm} \rightarrow 2250 \div 9 = 250$

Q37. $\$2208 \rightarrow 7u = 161, u = 161 \div 7 = 23, 23 \times 96 = 2208$

Q38. $\$123.15 \rightarrow 287.35 \div 7 = 41.05, 41.05 \times 3 = 123.15$

Q39. $20.3\text{m} \rightarrow 11.6 \div 4 = 2.9, 2.9 \times 7 = 20.3$

Q40a. $4382 \rightarrow 175 \times 25 = 4375, 4375 + 7 = 4382$

Q40b. $118 \rightarrow 180 - 75 = 5, 25 \times 5 = 125, 125 - 7 = 118$

Q41. $68 \rightarrow 306 \div 9 = 34, 34 \times 2 = 68$

Q42. $44\text{cm} \rightarrow 11 \times 2 = 22, 22 - 9 = 13, 13 = 9 + 13 + 9 = 44$

Q43. $1.81\text{kg} \rightarrow 7.2 - 3.14 = 4.06, 1.35 \times 7 = 9.45, 7.2 + 4.06 = 11.26, 11.26 - 9.45 = 1.81$

THE END



Maha Bodhi School
2015 Semestral Assessment 2
Primary 4
Mathematics
Booklet A

Name : _____ ()

Class : Primary 4 _____

Date : 30 October 2015

Total duration for Booklets A and B: 1 h 45 min

INSTRUCTIONS TO CANDIDATES:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Mark Sheet provided.

This booklet consists of 8 printed pages.

Section A (40 marks)

Questions 1 to 20 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Mark Sheet.

1. 78 thousands and 3 tens is the same as _____.

- (1) 783
- (2) 7830
- (3) 78 003
- (4) 78 030

2. Which one of the following numbers when rounded off to the nearest ten becomes 42 600?

- (1) 42 544
- (2) 42 596
- (3) 42 605
- (4) 42 654

3. $8\frac{4}{5} = \frac{\square}{5}$

- (1) 32
- (2) 36
- (3) 40
- (4) 44

4. Find the value of $\frac{7}{9} - \frac{1}{3}$.

- (1) $\frac{1}{3}$
- (2) $\frac{2}{3}$
- (3) $\frac{4}{9}$
- (4) $\frac{8}{9}$

5. Express 0.08 as a fraction in its simplest form.

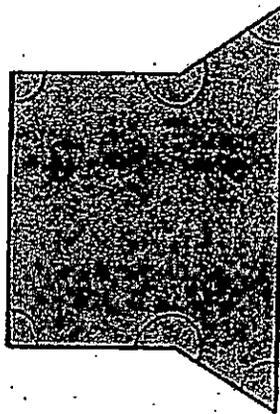
(1) $\frac{1}{8}$

(2) $\frac{2}{25}$

(3) $\frac{1}{4}$

(4) $\frac{4}{5}$

6. How many of the marked angles in the shaded figure are smaller than one right angle?



(1) 6

(2) 2

(3) 3

(4) 4

7. How many common factors of 18 and 24 are there?

(1) 5

(2) 2

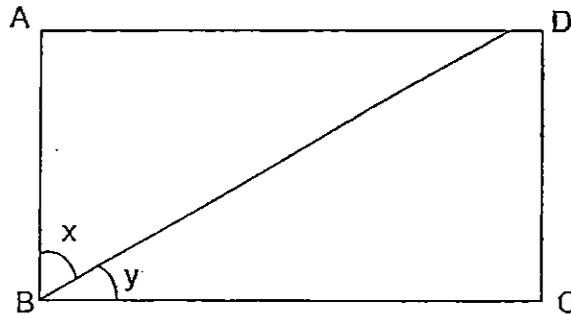
(3) 3

(4) 4

8. A string 5.8 m long is used to make 4 similar ribbons.
Find the total length needed to make 6 such ribbons.

- (1) 8.4 m
- (2) 8.7 m
- (3) 11.8 m
- (4) 18.7 m

9. In the figure below, ABCD is a rectangle.
 $\angle x$ is twice the size of $\angle y$. Find $\angle x$.



- (1) 30°
- (2) 45°
- (3) 60°
- (4) 75°

10. Which one of the shapes below can be tessellated?



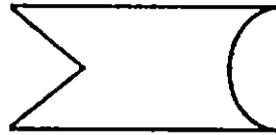
Shape A



Shape B



Shape C



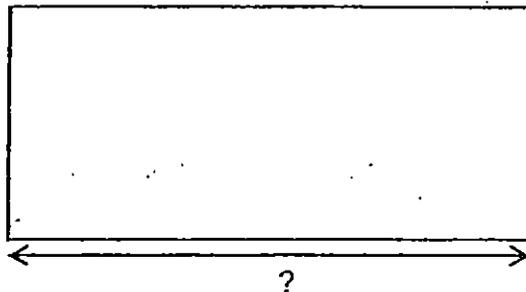
Shape D

- (1) A
- (2) B
- (3) C
- (4) D

11. The rectangle below, not drawn to scale, has a perimeter of 72 cm.

Its length is 3 times as long as the breadth.

Find the length of the rectangle.



- (1) 9 cm
- (2) 18 cm
- (3) 24 cm
- (4) 27 cm

12. Ahmad, Gary, Ravinder and Zhi Ming had a race and their timings are recorded below.

Name	Timing (s)
Ahmad	32
Gary	47
Ravinder	29
Zhi Ming	53

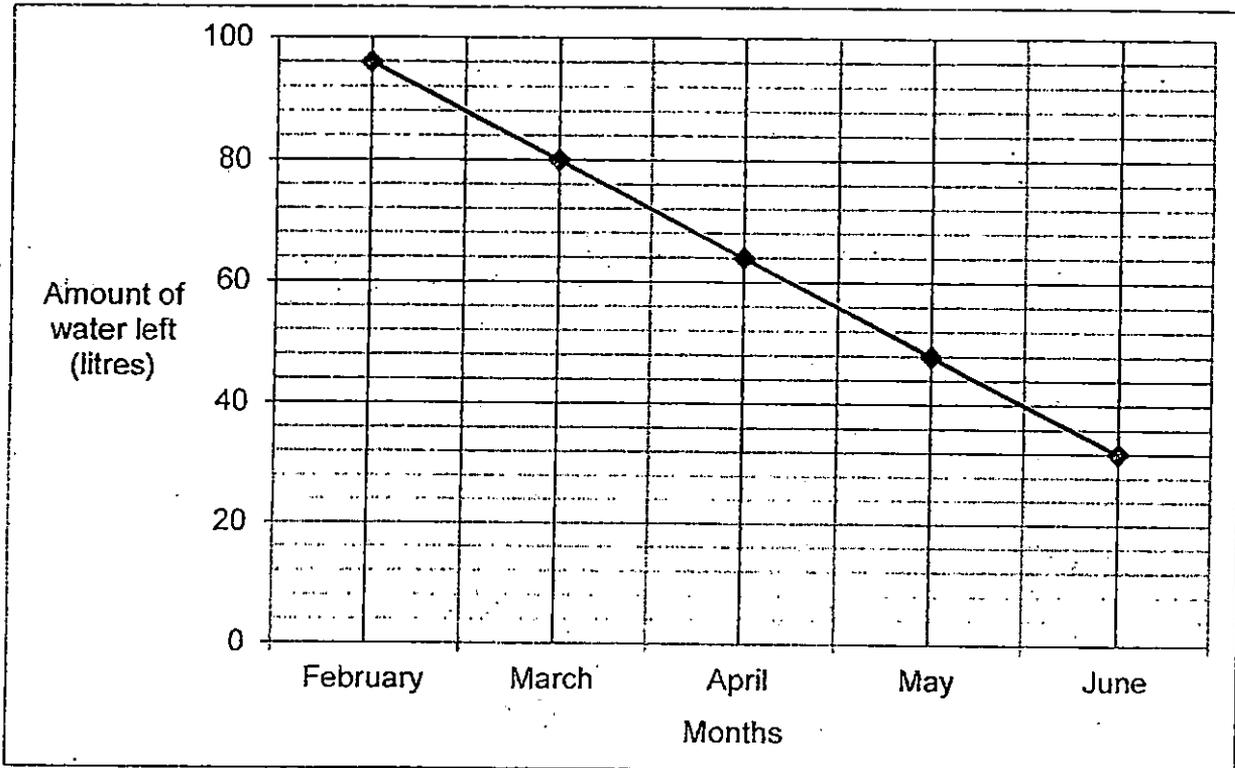
Who came in second in the race?

- (1) Ahmad
- (2) Gary
- (3) Ravinder
- (4) Zhi Ming

13. Tom went to watch a movie which started at 11.45 a.m.
He took 30 min to reach home after the movie. The movie was 2 h 15 min long.
What time did he reach home?

- (1) 02 00
- (2) 02 30
- (3) 14 00
- (4) 14 30

Mr Tan's water tank has a crack and water is leaking. The graph below shows the volume of water left in Mr Tan's tank from February to June. Use the graph to answer questions 14 and 15.



14. How much water was left in the tank at the end of June?

- (1) 26 l
- (2) 28 l
- (3) 32 l
- (4) 36 l

15. By the end of which month would there be no water left in Mr Tan's tank?

- (1) July
- (2) August
- (3) September
- (4) October

16. Sarah is 10 years old and her father is 38 years old. How old will Sarah be when her father is thrice as old as her?

- (1) 14
- (2) 28
- (3) 30
- (4) 48

17. James and Amelie shared some beads. James took $\frac{3}{7}$ of the beads.

After James lost 14 beads, Amelie had twice as many beads as James.

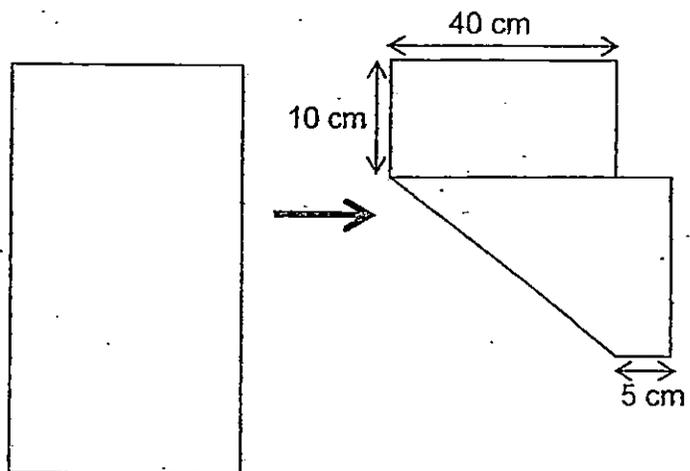
How many beads did Amelie have?

- (1) 28
- (2) 42
- (3) 56
- (4) 98

18. A rectangular piece of paper, not drawn to scale, is folded as shown below.

What is the area of the piece of paper?

- (1) 450 cm^2
- (2) 600 cm^2
- (3) 2000 cm^2
- (4) 2200 cm^2



19. The table below shows the calendar for January 2016.

January 2016						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

What day is 26 February 2016?

- (1) Monday
- (2) Tuesday
- (3) Friday
- (4) Saturday

20. The table shows the number of pupils who wear spectacles in classes 4A to 4C.
How many girls in 4A wear spectacles?

	4A	4B	4C	Total
Boys		12		
Girls			8	24
Total	14	22		56

- (1) 8
- (2) 7
- (3) 3
- (4) 6



Maha Bodhi School
2015 Semestral Assessment 2
Primary 4
Mathematics
Booklet B

Name : _____ ()

Class : Primary 4 _____

Date : 30 October 2015

Total duration for Booklets A and B: 1 h 45 min

INSTRUCTIONS TO CANDIDATES:

1. Do not turn over this page until you are told to do-so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Booklet	Marks Obtained	Max Marks
A		40
B		60
Total		100

Parent's signature: _____

This booklet consists of 10 printed pages.

Section B (40 marks)

Questions 21 to 40 carry 2 marks each.

Write your answers in the spaces provided, giving the answers in the units stated.

Show your working clearly in the space provided below each question.

Marks will be awarded for correct method shown.

21. Write three thousand and eleven in numerals.

Ans: _____

22. $1370 \times 5 =$ _____

Ans: _____

23. What number is 10 more than 2195?

Ans: _____

24. Write $\frac{11}{6}$ as a mixed number in its simplest form.

Ans: _____

25. $\frac{5}{8} + \frac{1}{4} =$ _____

Ans: _____

26. Arrange the following numbers from the smallest to the greatest.

$$\frac{4}{5}, 0.805, 0.085$$

Ans: _____
 smallest

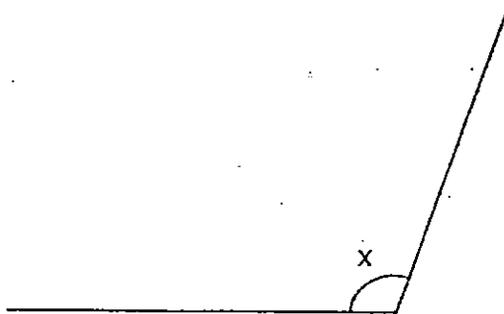
27. Express $\frac{77}{100}$ as a decimal.

Ans: _____

28. $14.65 + 0.39 =$ _____

Ans: _____

29. Measure and write down the size of $\angle x$.

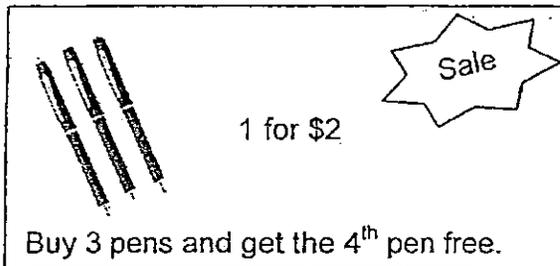


Ans: _____

30. What are the first two common multiples of 6 and 8?

Ans: _____ and _____

31.



1 for \$2

Sale

Buy 3 pens and get the 4th pen free.

Siti spent \$48 on the pens.

How many pens did she buy?

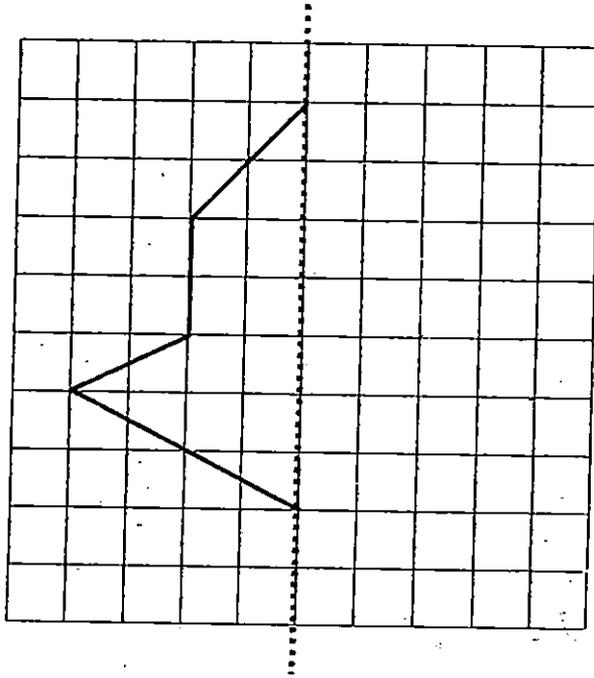
Ans: _____ pens

32. The mass of one papaya and 7 oranges is 5.8 kg.

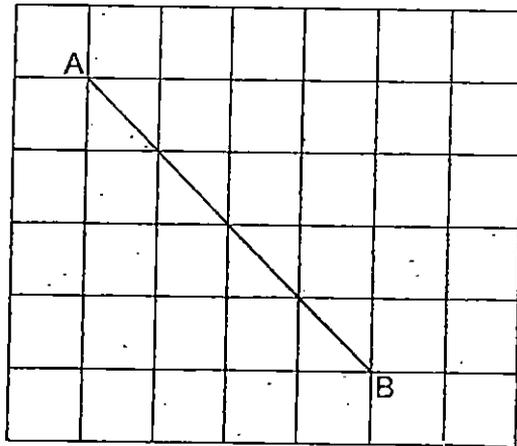
The papaya is 2.68 kg heavier than each orange. Find the mass of one orange.

Ans: _____ kg

33. Complete the figure so that the dotted line is a line of symmetry of the figure.



34. Using the square grid, draw a line that is parallel to line AB.



35. Melvin has 435 stamps and Julia has 389 stamps.
 After Melvin gave Julia some stamps, both of them have the same number of stamps.
 How many stamps did Melvin give Julia?

Ans: _____ stamps

36. Two rectangles are each divided into equal parts as shown in Figures A and B below.
 The shaded parts represent a fraction for each figure.

Figure A

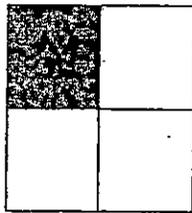
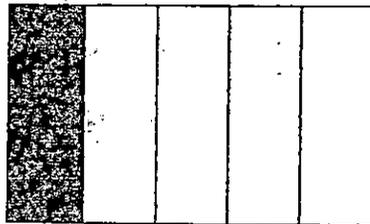
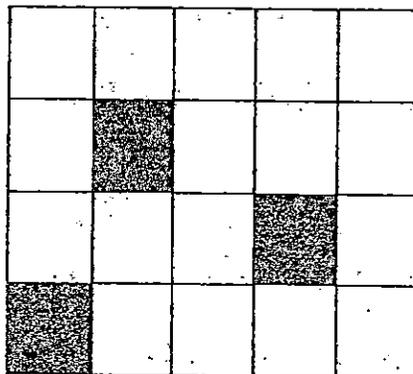


Figure B



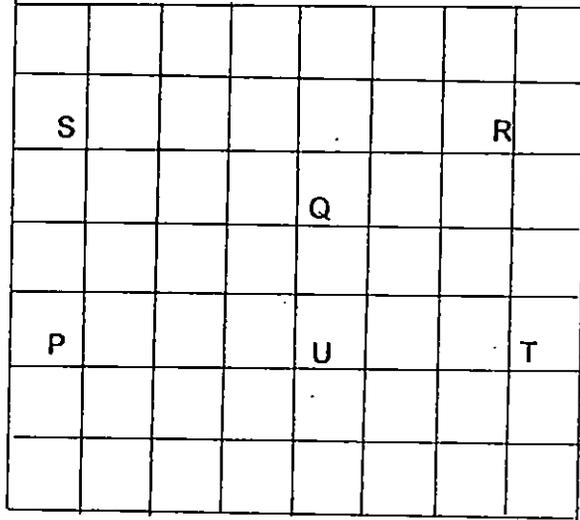
How many more rectangles must be shaded in Figure C below to show the sum of fractions shaded in Figure A and Figure B?

Figure C



Ans: _____ rectangles

37. Look at the diagram below. It is made up of 56 squares.



Chan Hoo walks from point Q to point U and makes a $\frac{1}{4}$ -turn to his left.

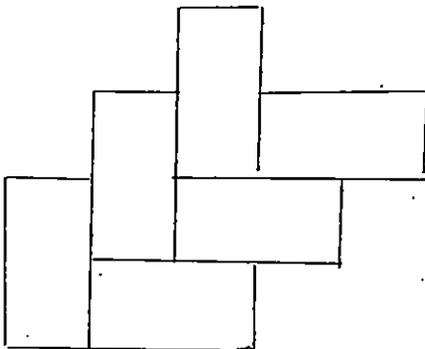
He takes 3 steps forward before making another $\frac{1}{4}$ -turn to his left.

His final destination is 3 steps forward.

Which point is his final destination? (Note: 1 step is equal to 1 square.)

Ans: Point _____

38. The figure below is made up of 6 identical rectangles with no overlapping parts. Each rectangle has a perimeter of 12 cm. Find the perimeter of the figure.



Ans: _____ cm

39. Paul has a bell that rings every 4 minutes. Lucy has a bell that rings every 7 minutes. The 2 bells ring together at 11 a.m. What time will the 2 bells ring together again?

Ans: _____ a.m.

40. A toy costs \$12. However, Wen Hao has no money and starts saving for it. He saves \$1 on the first day. Each day, he saved 20 cents more than the day before. If Wen Hao continues to save money every day, what is the least number of days he will need to save to buy the toy?

Day	Amount saved per day
1	\$1
2	\$1.20
3	\$1.40
:	:

Ans: _____ days

Section C (20 marks)

Questions 41 to 45 carry 4 marks each.

Show your working clearly in the space below each question.

For each question, write your number sentences and final statement.

41. Ben, Cathy and Daniel had 1080 cards altogether.

Ben had twice as many cards as Cathy.

Daniel had 40 cards less than Cathy.

How many cards did Daniel have?

42. Amanda needs $\frac{4}{5}$ m of cloth to sew a skirt.

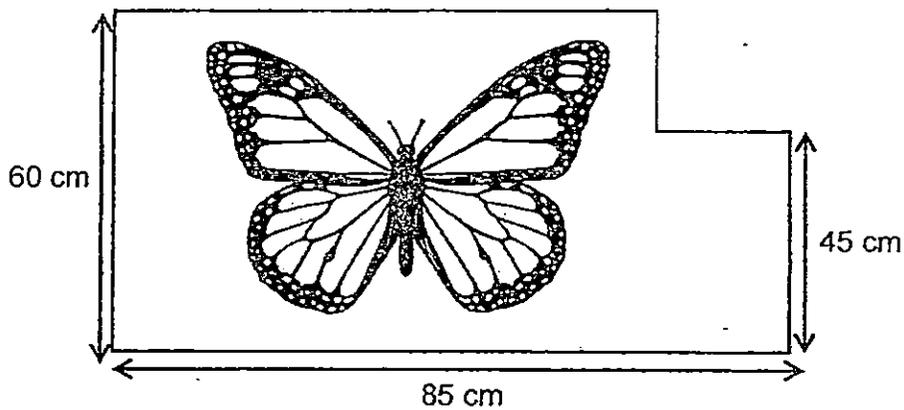
She needs 6 m of cloth to sew 2 skirts and a dress.

How much cloth will she need to sew one dress?

(Give your answer in m.)

43. A bag of beans and a packet of sugar have a mass of 4.25 kg.
3 similar bags of beans and 2 similar packets of sugar weigh 11 kg.
What is the mass of 1 bag of beans?

44. Shaun cuts out one square at the corner of a rectangular piece of paper as shown.
What is the area of the remaining piece of paper?



45. Mr Ho wants to buy the same type of files.
If he buys 6 files, he will have \$3 left.
If he buys 8 files, he will be short of \$5.50.
How much do 6 files cost?



14

--End of Paper--

Remember to check your work! Every mark counts.

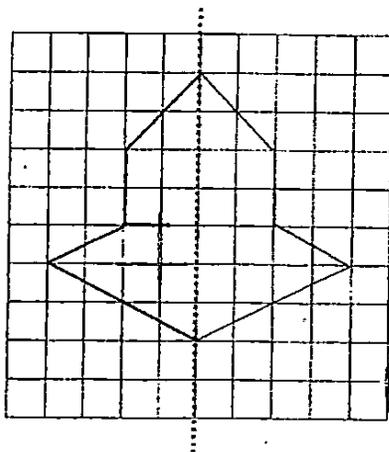
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EXAM PAPER 2015
LEVEL : PRIMARY 4
SCHOOL : MAHA BODHI SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

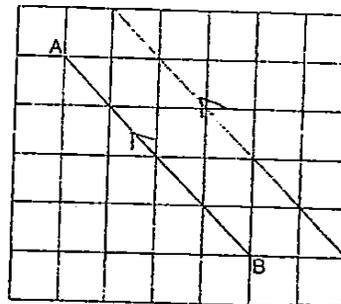
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	4	3	2	2	4	2	3	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	1	4	3	2	1	3	4	3	4

Q21. 3011 Q22. 6850 Q23. 2205 Q24. 1 $\frac{5}{6}$ Q25. $\frac{7}{8}$
 Q26. 0.085 (smallest), $\frac{1}{5}$, 0.805 Q27. 0.77 Q28. 15.04
 Q29. 110° Q30. 24 and 48 Q31. 32 pens Q32. 0.39 \rightarrow 3.12 \div 8 = 0.39

Q33. SEE PICTURE



Q34. SEE PICTURE



Q35. 23 stamps \rightarrow 435 + 389 = 824, 824 \div 2 = 412, 435 - 412 = 23

Q36. 6 rectangles Q37. Point R

Q38. 36cm
 1 length = 2 breadth
 6u = 12cm, breadth = 12 \div 6 = 2cm
 Length = 4cm, 18 \times 2 = 36

Q39. 11.28a.m \rightarrow 4, 8, 12, 16, 20, 24, 28, 7, 14, 21, 28

Q40. 8 days

Day	Amount saved per day	Total
1	\$1	\$1
2	\$1.20	\$2.20
3	\$1.40	\$3.60
4	\$1.60	\$5.2
5	\$1.80	\$7
6	\$2.00	\$9
7	\$2.20	\$11.20
8	\$2.40	\$13.60

Q41. $240 \rightarrow$ cards $1080 + 40 = 1120$, $1120 \div 4 = 280$, $280 - 40 = 240$

Q42. 4.4m of cloth

$\frac{1}{2}m \times 100 = 80cm$, $80cm + 80cm = 1m60cm$, $6m - 1m60cm = 4.4m$

Q43. 2.50kg

Let B be the mass of 1 bag of beans

Let S be the mass of 1 packet of sugar

$4.25kg \times 2 = 8.50kg$, $11kg - 8.50kg = 2.50kg$

Q44. $4875cm^2$

$60cm - 45cm = 15cm$

$15cm \times 15cm = 225cm^2$

$60cm \times 86cm = 5100cm^2$

$5100cm^2 - 225cm^2 = 4875cm^2$

Q45. \$2.25

$5.50 + 3.80 = 8.50$, $8.50 \div 2 = 4.25$, $4.25 \times 6 = 25.50$

403 / SA2 / 31



MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 2

PRIMARY 4 MATHEMATICS

27 OCTOBER 2015

BOOKLET A

20 questions

40 marks

Total time for Booklets A and B: 1 h 45 min

NAME : _____

CLASS : PRIMARY 4 . _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A (20 x 2 = 40 marks)

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. $80\,000 + 7\,000 + 600 + 5 =$ _____

- (1) 80 765
- (2) 87 065
- (3) 87 605
- (4) 87 650

2. 23 658 rounded off to the nearest thousand is _____.

- (1) 23 600
- (2) 23 660
- (3) 23 700
- (4) 24 000

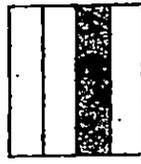
3. Which of the following is **not** an equivalent fraction of $\frac{1}{4}$?

- (1) $\frac{2}{8}$
- (2) $\frac{3}{12}$
- (3) $\frac{5}{16}$
- (4) $\frac{6}{24}$

4. Which one of the following has $\frac{1}{3}$ of the figure shaded?



(1)



(2)



(3)



(4)

5. Express 0.05 as a fraction in its simplest form.

(1)

$$\frac{1}{2}$$

(2)

$$\frac{1}{5}$$

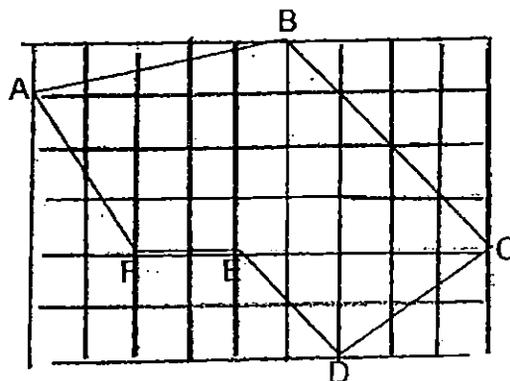
(3)

$$\frac{1}{20}$$

(4)

$$\frac{1}{50}$$

6. Figure ABCDEF is drawn on the square grid shown below. Which one of the following statements is true?



- (1) AB is parallel to FE
 (2) BC is parallel to ED
 (3) AF is perpendicular to FE
 (4) CD is perpendicular to ED

7. Mrs Anthony bought 2.4 kg of mutton at \$9 for each kg and 1.5 kg of beef at \$6 for each kg. She gave the cashier \$50. How much change did she receive?

- (1) \$19.40
- (2) \$21.60
- (3) \$30.60
- (4) \$35.00

8. The table below shows the schedule of movies on the HBO channel.

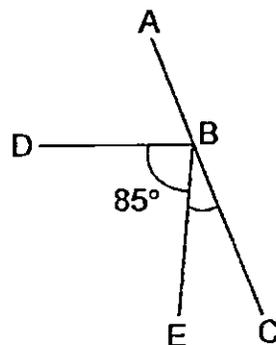
Time	Programme
08 00	Ninja Tortoise
09 30	Captain Jamaica
10 45	Minion Nation
12 30	Jurassic Planet

Marcus watched Ninja Tortoise and Minion Nation. How much time did he spend watching the two movies?

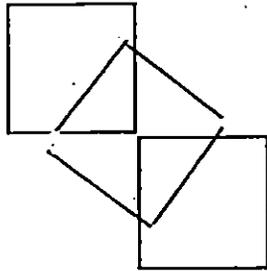
- (1) 2 h 45 min
- (2) 3 h 15 min.
- (3) 3 h 45 min
- (4) 4 h 30 min

9. AC is a straight line. $\angle ABD$ is 25° bigger than $\angle CBE$. Find $\angle CBE$.

- (1) 35°
- (2) 60°
- (3) 70°
- (4) 95°



10. The figure below is made up of 3 identical squares. How many right angles are there in the figure?



- (1) 6
(2) 10
(3) 12
(4) 14
11. A chair is 480 g heavier than a book. It weighs 3 times as heavy as the book. Find the total mass of the chair and the book.

- (1) 240 g
(2) 720 g
(3) 800 g
(4) 960 g

12. Ms Chow bought 60 key chains. After giving 17 key chains to Sean and some key chains to Hamid, she had $\frac{1}{6}$ of the key chains left. How many key chains did Ms Chow give Hamid?

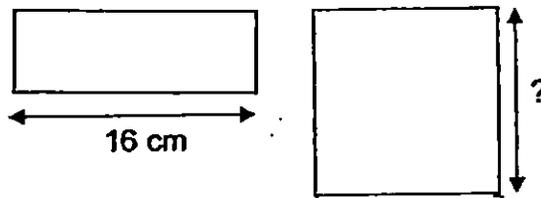
- (1) 10
(2) 27
(3) 33
(4) 43

13. Mr. Tan accidentally spilt an ink blot on his receipt. What is the greatest possible total amount on the receipt?

- (1) \$14.04
- (2) \$14.64
- (3) \$14.74
- (4) \$14.94

Dwarf Minimart	
Cereal	: \$5.85
Shampoo	: \$4.80
Sweets	: \$3.00
Total	: \$14.44

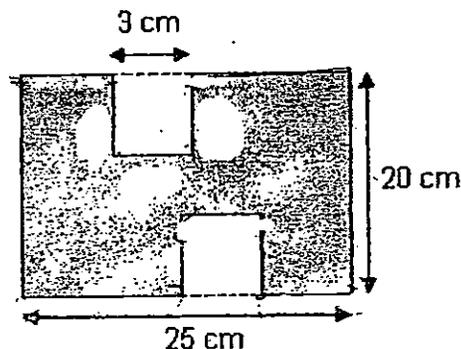
14. The rectangle and square below have the same area. The length of the rectangle is 4 times its breadth. What is the length of one side of the square?



- (1) 16 cm
- (2) 10 cm
- (3) 8 cm
- (4) 4 cm

15. Two identical squares are cut out from a rectangle as shown below. Find the perimeter of the remaining portion which is shaded.

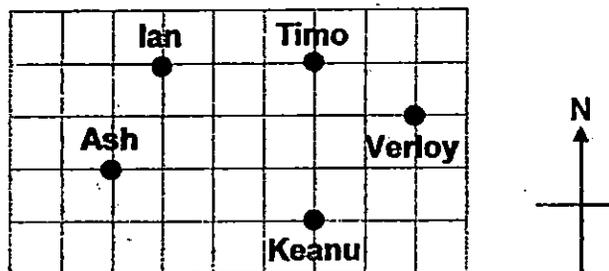
- (1) 102 cm
- (2) 90 cm
- (3) 78 cm
- (4) 66 cm



16. Demetria bought 3 skirts and 4 blouses for \$217. Each blouse cost \$14 less than a skirt. How much did a blouse cost?

- (1) \$17
- (2) \$25
- (3) \$31
- (4) \$39

Look at the diagram below carefully. Use it to answer Questions 17 and 18.



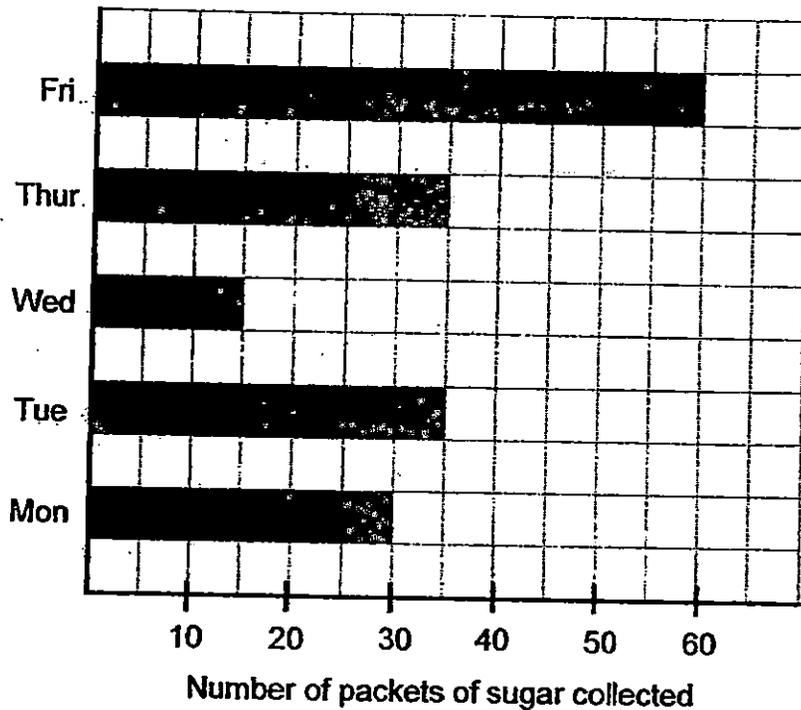
17. Verloy is facing North. Who will he be facing if he turns 225° in the clockwise direction?

- (1) Ian
- (2) Ash
- (3) Timo
- (4) Keanu

18. Timo and Ian were facing the same direction at first. Timo made a $\frac{1}{4}$ -turn in the anti-clockwise direction and faced Keanu after the turn. Ian made a 135° turn in the clockwise direction. Which direction will he be facing after the turn?

- (1) West
- (2) North-East
- (3) North-West
- (4) South-West

The students from Primary 4K collected packets of sugar for a cupcake bake sale. The graph below shows the number of packets of sugar collected over five days. Study the graph carefully and answer Questions 19 and 20.



19. The number of packets of sugar collected on Monday was twice of that collected on _____.
- (1) Tuesday
 - (2) Wednesday
 - (3) Thursday
 - (4) Friday
20. 2 packets of sugar were needed to bake a tray of 24 cupcakes. How many cupcakes did the students bake from their collection on Friday?
- (1) 360
 - (2) 420
 - (3) 720
 - (4) 760

End of Section A
Go on to Booklet B



**MARIS STELLA HIGH SCHOOL (PRIMARY)
SEMESTRAL ASSESSMENT 2
PRIMARY 4 MATHEMATICS
27 OCTOBER 2015
BOOKLET B**

25 questions

60 marks

Total time for Booklets A and B: 1 h 45 min

NAME : _____

CLASS : PRIMARY 4 _____

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.**

MARKS OBTAINED :

BOOKLET A: _____ / 40

BOOKLET B: _____ / 60

TOTAL : _____ / 100

Parent's Signature: _____

Section B (20 x 2 = 40 marks)

Show your working clearly in the spaces below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write in this space.

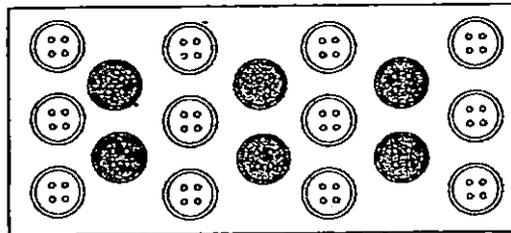
21. What is the value of the digit 8 in 84 659?

Answer: _____

22. Some factors of 32 are 1, 2, 4 and 32. What are the other two factors of 32?

Answer: _____ and _____

23. What fraction of the buttons shown are grey in colour?

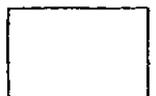


Answer: _____

24. Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{3} \quad \frac{3}{6} \quad \frac{7}{12}$$

Answer: _____, _____, _____
(greatest) (smallest)



25. What is the value of $\frac{5}{6} + \frac{2}{3}$?
Express your answer as a mixed number.

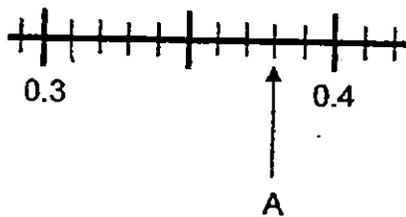
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Answer: _____

26. Write 4 tenths as a decimal.

Answer: _____

27. Write the decimal represented by A.

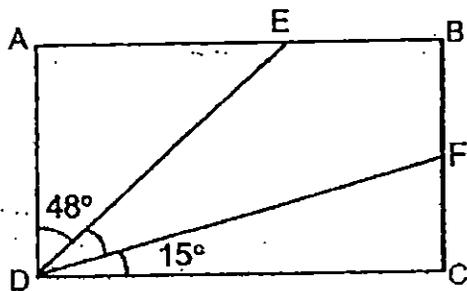


Answer: _____

28. $6.27 - 4.38 =$ _____

Answer: _____

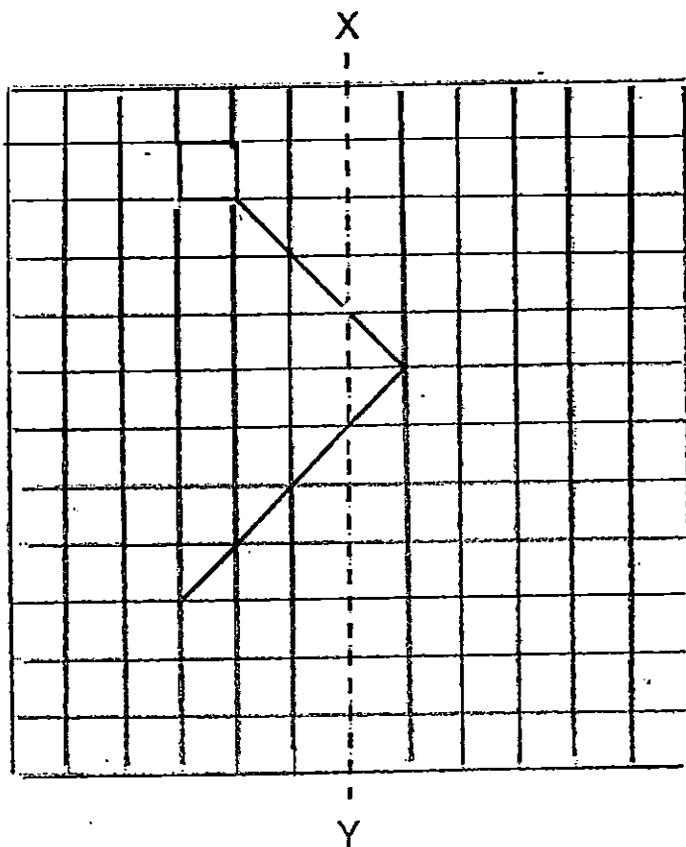
29. In the figure shown, ABCD is a rectangle. Find $\angle EDF$.



Answer: _____°

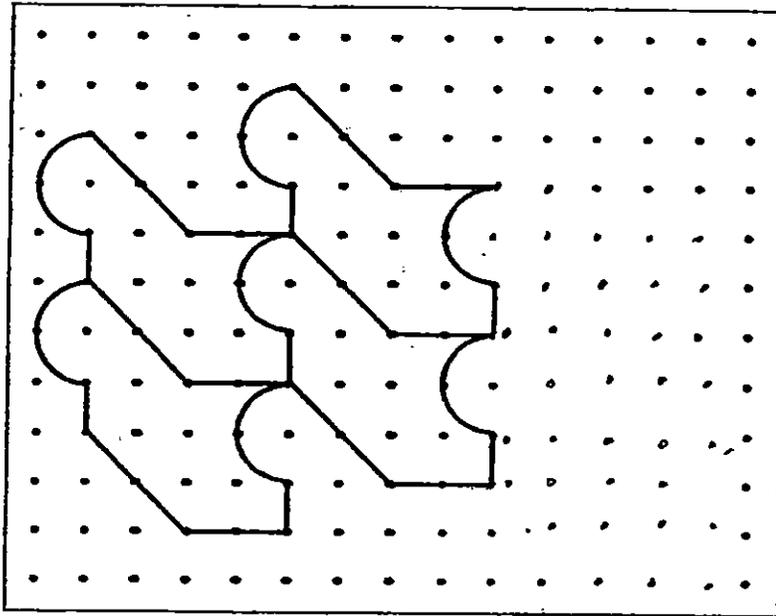
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30. Using XY as the line of symmetry, complete the symmetrical figure below.

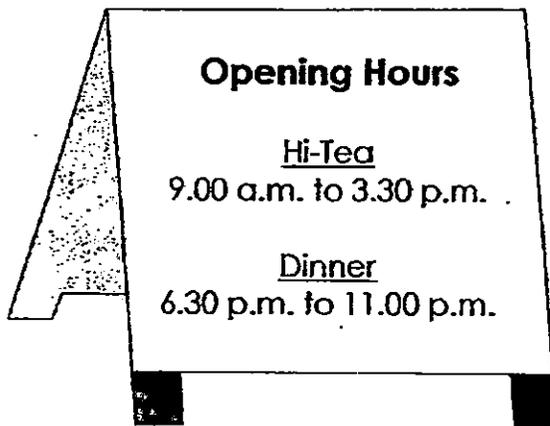


31. Draw 2 more unit shapes in the space provided below. You are to follow the tessellation pattern used in the diagram.

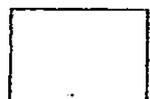
Do not write in this space.



32. The Eight Treasures Restaurant opens daily. The opening hours are shown in the signboard below. How long is the restaurant open every day?



Answer: _____ h

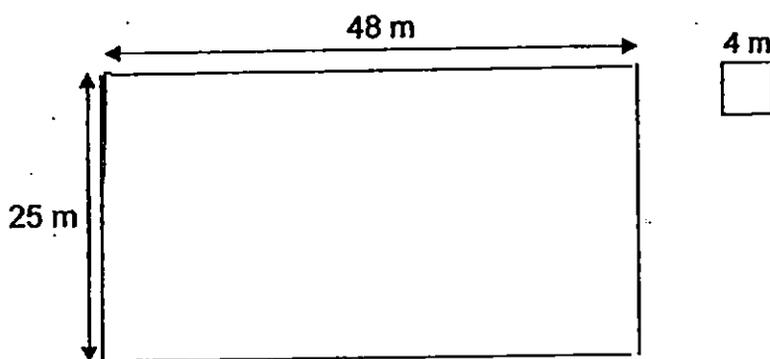


33. Michael paid \$120 for 4 shirts and 4 ties. 3 shirts cost as much as 2 ties. How much did a shirt cost?

Do not write in this space.

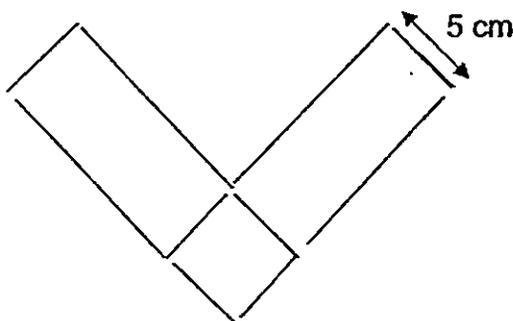
Answer: \$ _____

34. How many pieces of square grass carpets, each of side 4 m long, are needed to cover a rectangular field of length 48 m and breadth 25 m?

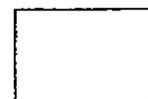


Answer: _____

35. The figure below is made up of two identical rectangles and a square. The area of one of the rectangles is 60 cm^2 . Find the perimeter of the figure.



Answer: _____ cm

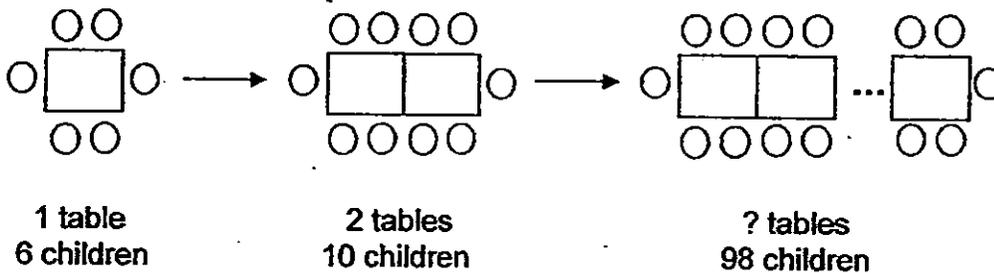


36. Huiyun had \$240 and Gladys had \$360. After they each spent an equal amount of money, Gladys had twice as much money as Huiyun. How much money had Gladys in the end?

Do not write in this space.

Answer: \$ _____

37. A rectangular table can seat 6 children. How many such tables are required to seat 98 children if the tables are put together in the same manner as shown below?

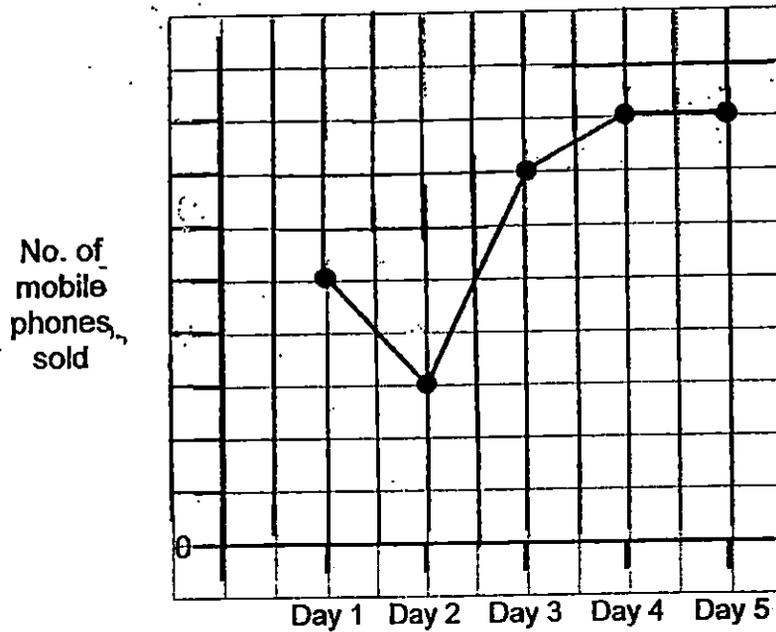


Answer: _____

The line graph below shows the number of mobile phones sold in a shop over five days. 250 mobile phones were sold on Day 1.

Do not write in this space.

Study the line graph below carefully and answer Questions 38 and 39.



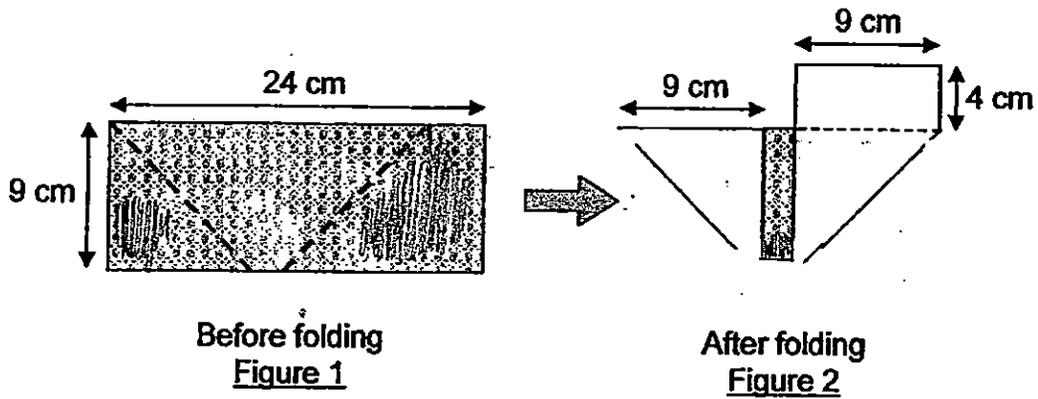
38. How many mobile phones were sold in the shop over the five days?

Answer: _____

39. On Day 6, the shop sold $\frac{5}{7}$ of the mobile phones sold on Day 3.
How many mobile phones were sold on Day 6?

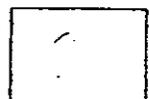
Answer: _____

40. Figure 1 shows a rectangular piece of paper measuring 24 cm by 9 cm. It is folded along the dotted lines to form Figure 2. Find the area of Figure 2.



Do not write in this space.

Answer: _____ cm²



Section-C (5 x 4 = 20 marks)

Work out the answers for each of the following questions. All workings must be shown.

41. A table costs \$294. It costs 3 times as much as a chair.

Mr Williams buys 1 table and 4 chairs.

How much does he pay altogether?

Do not
write in
this
space.

Answer: _____ [4]

42. Tank A has 3 times as much petrol as Tank B. Tank C has 4.8 ℓ less petrol than Tank A. There is a total of 93.2 ℓ of petrol in all the three tanks. How much petrol is there in Tank A?

Do not write in this space.

Answer: _____ [4]

43. Muffins are sold in Delicious Bakery at the prices shown below.



Mrs Wong bought 5 more raisin muffins than chocolate muffins from this bakery. She paid \$12 in total. How many muffins did Mrs Wong buy altogether?

Answer: _____ [4]

Do not write in this space.

44. Richard and Tina had a total of 440 charity tickets.

Richard sold $\frac{1}{3}$ of his tickets and Tina sold $\frac{2}{5}$ of hers.

They sold an equal number of tickets each.

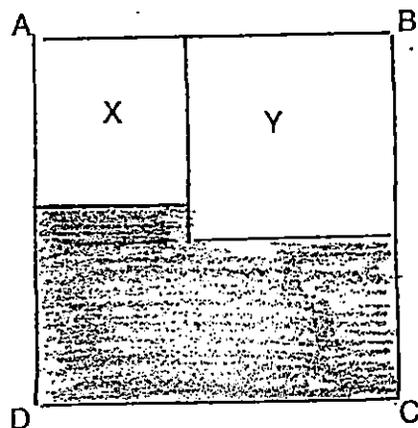
How many tickets did Richard have at first?

Do not
write in
this
space.

Answer: _____ [4]

45. The figure below shows Square X and Square Y inside Square ABCD. The area of Square Y is 49 cm^2 and the area of Square ABCD is 144 cm^2 .

- (a) Find the length of one side of Square X.
- (b) Find the perimeter of the shaded region.



Do not write in this space.

Answer: (a) _____ [2]

(b) _____ [2]

END OF PAPER

20

SCORE

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : MARIS STELLA HIGH SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	3	1	3	2	1	2	1	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	3	2	3	1	2	4	2	2	3

Q21. 80 000

Q22. 16 and 8

Q23. $\frac{1}{3}$

Q24. $\frac{7}{12}$ (greatest), $\frac{3}{6}$, $\frac{1}{3}$ (smallest)

Q25. $1\frac{1}{2}$

Q26. 0.4

Q27. 0.38

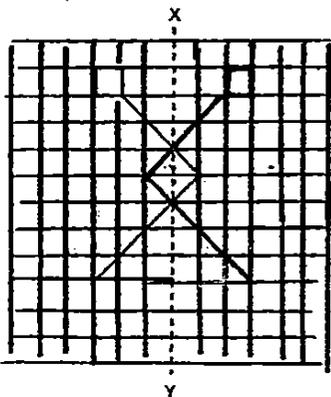
Q28. 1.89

Q29. $27^\circ \rightarrow 48=15=63, 90 - 63=27$

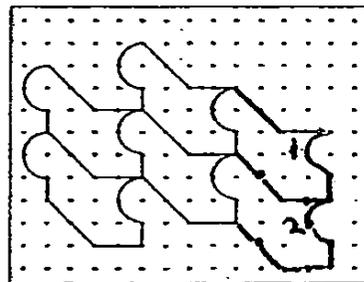
Q30. SEE PICTURE

Q31. SEE PICTURE

30. Using XY as the line of symmetry, complete the symmetrical figure below.



31. Draw 2 more unit shapes in the space provided below. You are to follow the tessellation pattern used in the diagram.



Q32. 11h

Q33. \$12 $\rightarrow 1.5=120, 15 = 12$

Q34. $72 \rightarrow 12 \times 6 = 72$

Q35. 68cm $\rightarrow 12 \times 4 = 48, 5 \times 4 = 20, 48+20=68$

Q36. \$240 $\rightarrow 360 - 240=120, 1u = 120, 2u = 240$

Q37. $24 \rightarrow 98 - 2 = 96, 96 \div 4 = 24$

Q38. $1550 \rightarrow 31 \times 50 = 1550$ Q39. $250 \rightarrow 350 \div 7 = 50, 50 \times 5 = 250$

Q40. 135cm^2

A and B = $9 \times 9 = 81$

C = $9 \times 4 = 36, D = 2 \times 9 = 18, 81+36+18=135$

Q41. \$686 \rightarrow $3U = 294$, $1U = 98$, $7U = 686$

Q42. 42 litre

$93.2 = 4.8 = 98$, $7u = 98$, $1u = 14$, $3u = 14 \times 3 = 42$

Q43. 9 \rightarrow $1.20 \times 5 = 6$, $6 \div 3 = 2$

Q44. 240 \rightarrow $11u = 440$, $1u = 40$, $6u = 240$

Q45. 5cm^a) Q45b. 38cm \rightarrow $5 = 2 + 7 + 5 + 12 + 7 = 38$

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2015
PRIMARY 4 MATHEMATICS
BOOKLET A

Total Time: 1 h 45 minutes

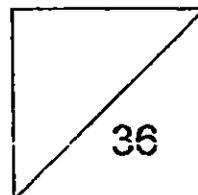
INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 28 OCTOBER 2015



This booklet consists of 7 printed pages including this page.

Section A: MCQ (36 marks)

Questions 1 to 18 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In which of the following numbers does the digit 6 stand for 600?

- (1) 5806
- (2) 5860
- (3) 8605
- (4) 8065

2. Which of the following numbers when rounded off to the nearest hundred becomes 25 000?

- (1) 24 444
- (2) 24 996
- (3) 25 546
- (4) 25 594

3. $\frac{1}{4} + \frac{1}{12} = \square$

What is the fraction in the box?

- (1) $\frac{2}{4}$
- (2) $\frac{4}{12}$
- (3) $\frac{2}{16}$
- (4) $\frac{1}{48}$

4. Which of the following fractions is in its simplest form?

(1) $\frac{2}{8}$

(2) $\frac{3}{9}$

(3) $\frac{4}{7}$

(4) $\frac{5}{10}$

5. What is the number when 143.54 is rounded off to 1 decimal place?

(1) 143.0

(2) 143.5

(3) 143.6

(4) 144.0

6. Write $7\frac{4}{25}$ as a decimal.

(1) 7.4

(2) 7.25

(3) 7.16

(4) 7.016

7. $0.7 + \frac{8}{1000} + \boxed{} = 0.768$.

What is the missing number in the box?

(1) 0.006

(2) 0.06

(3) 0.6

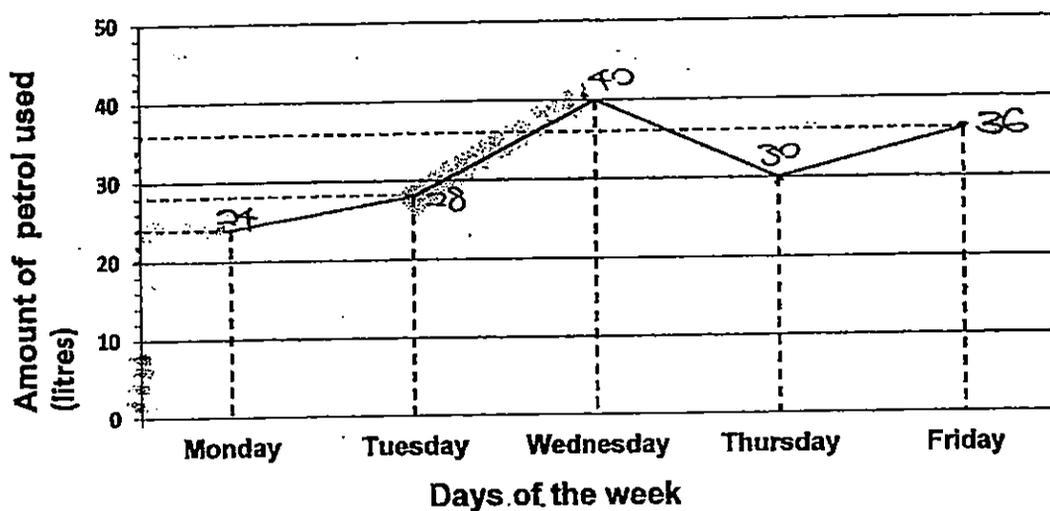
(4) 6.0

(Go on to the next page)

8. Jane has 3.15 kg of flour. She wants to pack the flour equally into 3 packets. How much flour should be put in each packet?

- (1) 1.01 kg
- (2) 1.03 kg
- (3) 1.05 kg
- (4) 1.50 kg

Study the graph carefully and answer questions 9 and 10.
The graph below shows the amount of petrol used by Mr Tan in 5 days.



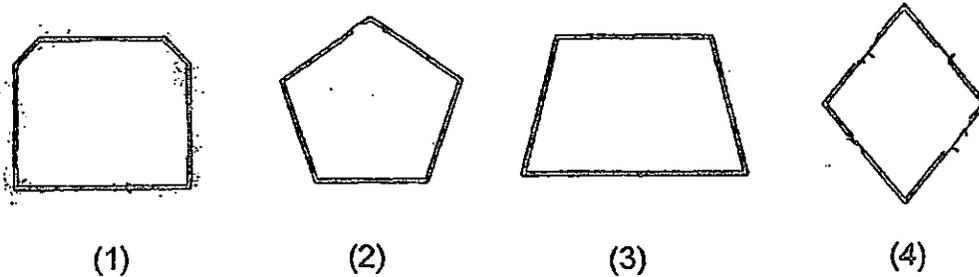
9. Between which 2 days was the difference in the amount of petrol used the greatest?
- (1) Monday and Tuesday
 - (2) Thursday and Friday
 - (3) Tuesday and Wednesday
 - (4) Wednesday and Thursday
10. Petrol was sold at \$2 per litre. What was the total amount of money spent on petrol by Mr Tan for the 5 days?
- (1) \$ 158
 - (2) \$ 244
 - (3) \$ 308
 - (4) \$ 316

(Go on to the next page)

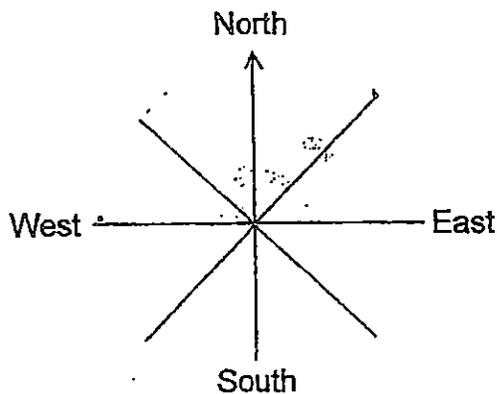
11. Jennifer completed doing her homework at 13:30. She took 2 h 10 min to do her homework. At what time did she start doing her work?

- (1) 10:50
- (2) 11:20
- (3) 15:30
- (4) 15:40

12. Which of the following shapes contains both parallel and perpendicular lines?



13. After making a 135° turn clockwise, Raju found himself facing North-east. In which direction was Raju facing at first?



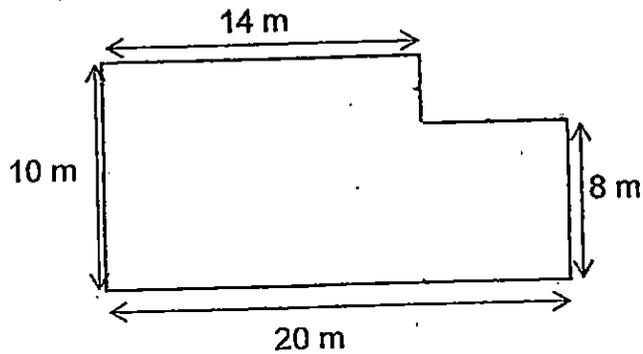
- (1) North
- (2) South
- (3) East
- (4) West

(Go on to the next page)

14. Mrs Lim, the choir mistress, sent 68 choir uniforms for dry cleaning. It cost \$18 to dry clean each uniform. What was the total cost of dry cleaning all the choir uniforms?

- (1) \$612
- (2) \$1124
- (3) \$1164
- (4) \$1224

15. A fence is placed around a plot of land as shown below. What is the perimeter of the plot of land?



- (1) 52 m
- (2) 54 m
- (3) 58 m
- (4) 60 m

16. Which of the following figures has 2 lines of symmetry?

			
(1)	(2)	(3)	(4)

(Go on to the next page)

- 17 Gopal is thinking of a number. The number is divisible by 6 and 8.
What is the number?

- (1) 96
- (2) 84
- (3) 64
- (4) 56

- 18 The table below shows the admission charges to River Safari.

Admission Tickets	
Adult	\$28
Child	\$18

To encourage family outings, grandparents only need to pay half the price of an adult ticket.

Grandma Lim took her 2 young grandchildren to the River Safari on Children's Day. What was the total cost of their admission tickets?

- (1) \$32
- (2) \$46
- (3) \$50
- (4) \$64

End of Booklet A

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2015 PRIMARY 4 MATHEMATICS BOOKLET B

Total Time: 1 h 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 28 OCTOBER 2015

PARENT'S SIGNATURE:

BOOKLET A	36
BOOKLET B	36
BOOKLET C	28
TOTAL	100

This booklet consists of 6 printed pages including this page.

Section B: (36 marks)

Questions 19 to 36 carry 2 marks each.

Write out the correct answers for the following questions in the space provided. Show your working clearly and give your answers in the units provided.

19. Write the missing number in the number pattern below.

40 850 , 40 300 , 39 750 , _____ , 38 650, 38 100

Ans : _____

20. Some factors of 56 are 1, 2, 7, 8, 28 and 56. What are the other two factors of 56?

Ans : _____

21. What is the remainder when 4 374 is divided by 7?

Ans : _____

22. Which two of the fractions below are greater than $\frac{1}{2}$?

$\frac{3}{6}$, $\frac{4}{9}$, $\frac{5}{7}$, $\frac{6}{11}$

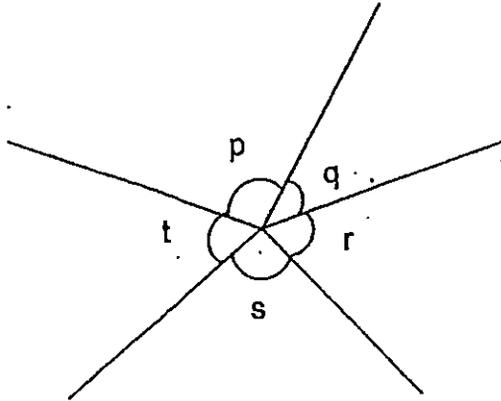
Ans : _____

23. Write $\frac{18}{4}$ as a mixed number in its simplest form.

Ans : _____

(Go on to the next page)

28. In the figure, name the two angles that are greater than 90° .



Ans : _____

Study the table below and answer questions 29 and 30.

The table shows the number of books the children had borrowed.
A total of 50 books were borrowed by the children:

Number of books borrowed by each child	1	2	3	4	5
Number of children	4	4	5	2	?

29. How many children borrowed 3 books or less?

Ans : _____

30. How many children borrowed 5 books?

Ans : _____

(Go on to the next page)

31. Mr Kumar took a flight from Singapore at 22 30 and arrived at Hong Kong at 02 12 the next day. How long was the flight to Hong Kong?

Ans : _____ min

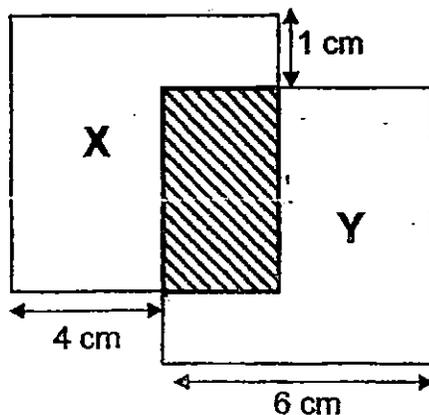
32. Mrs Lim took 1 hour to reach the cinema from her house. She was 20 min early for the show. The show started at 19 00. At what time did she leave her house? Give your answer in 24-h clock.

Ans : _____

33. The perimeter of a rectangle is 48 cm. Its length is 3 times as long as its breadth. Find its area.

Ans : _____ cm²

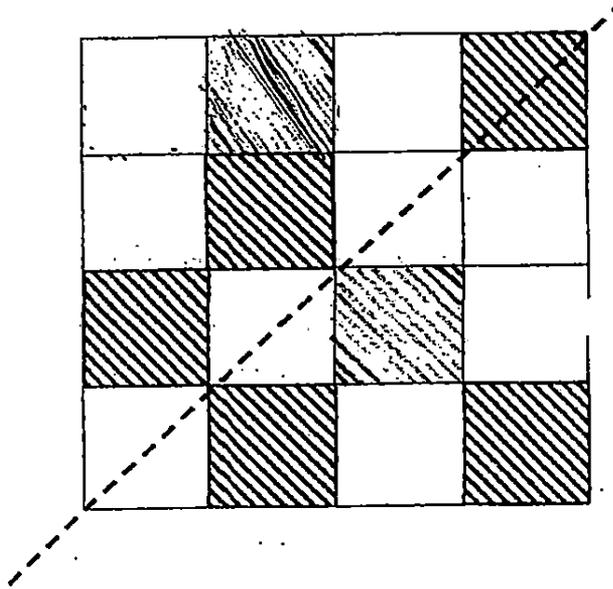
34. X and Y are identical squares. X overlaps Y partially as shown below. What is area of the shaded part?



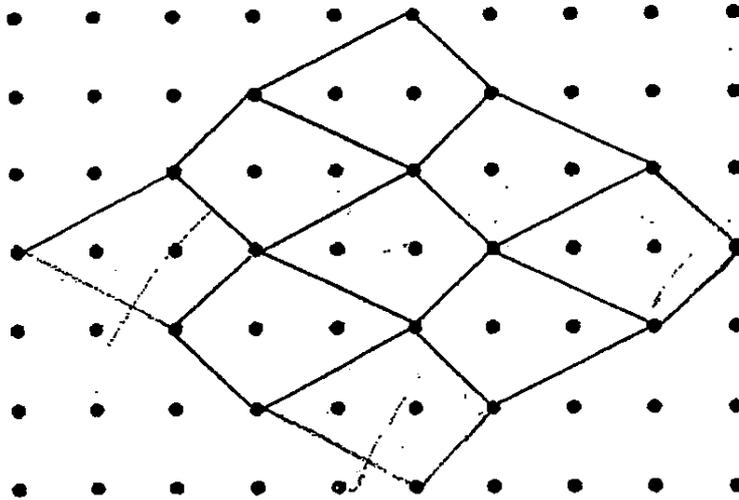
Ans : _____ cm²

(Go on to the next page)

35. Complete the drawing below by shading 2 more squares so that the dotted line is a line of symmetry.



36. The pattern in the box shows part of a tessellation. Draw three more unit shapes in the space provided.



End of Booklet B

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2015 PRIMARY 4 MATHEMATICS BOOKLET C

Total Time: 1 h 45 minutes

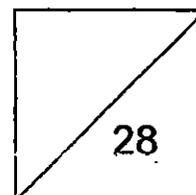
INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 28 OCTOBER 2015



This booklet consists of 7 printed pages including this page.

Section C: (28marks)

Show your working clearly in the space provided for each question and write your answers in the space provided.

The number of marks available is shown in brackets [] at the end of each question or part-question.

37. A box of poster colours cost \$8.
It costs twice as much as a drawing block.
Mr Lim bought 2 boxes of poster colours and 6 drawing blocks.
How much did Mr Lim pay?

Ans: _____ [3]

38. There were an equal number of apples and oranges at a fruit stall at first.
After 378 apples and 121 oranges were sold, there were twice as many oranges as apples left in the stall.
How many oranges were there in the stall at first?

Ans: _____ [3]

(Go on to the next page)

- 39 Mary had some money. She spent $\frac{2}{5}$ of it on drinks and $\frac{3}{10}$ of it on food. She had \$60 left.

- (a) What fraction of her money did Mary spend?
(b) How much money did Mary have at first?

Ans : (a) _____ [1]

(b) _____ [2]

40. A dress and 2 similar pairs of shorts cost \$95.30. Each pair of shorts was \$6.50 cheaper than the dress. Find the cost of one pair of shorts.

Ans: _____ [3]

(Go on to the next page)

41. Halim, Garret and Clement went shopping.
Halim and Garret spent a total of \$245.
Halim and Clement spent \$605 altogether.
Clement spent 3 times as much as Garret.
- (a) How much did Garret spend?
(b) How much did Halim spend?

Ans: (a) _____ [2]

(b) _____ [2]

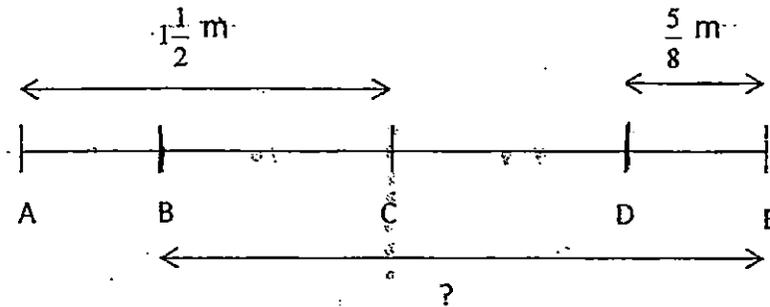
(Go on to the next page)

42 AE is a 3 m long straight line.

$$AC = 1\frac{1}{2} \text{ m and } DE = \frac{5}{8} \text{ m. } BC = CD$$

C divides AE into equal halves.

What is the length of BE? Give your answer as a mixed number.



Ans: _____ [4]

(Go on to the next page)

43. Jamie had a ribbon that was 50.5 m long. She cut 13 m of it for herself and then cut the remaining ribbon equally to give to 4 of her friends.

(a) What was the total length of the ribbon given to her 4 friends?

(b) What was the length of the ribbon received by each of her friends?

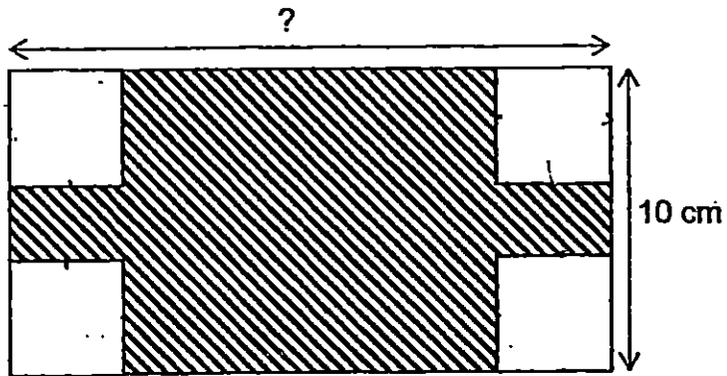
Round off your answer to the nearest hundredths

Ans:(a) _____ [1]

(b) _____ [3]

(Go on to the next page)

44. The figure shows a rectangle of breadth 10 cm and 4 similar squares of side 4 cm. The area of the shaded part is 286 cm^2 .
- (a) What is the length of the rectangle?
- (b) What is the perimeter of the rectangle?



Ans: (a) _____ [2]

(b) _____ [2]

End of Booklet C

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : METHODIST GIRLS' SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	2	3	2	3	2	3	3	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18		
2	1	4	4	4	2	1	3		

Q19. 30 200

Q20 4,14

Q21 6

Q22. $\frac{5}{7}, \frac{6}{11}$

Q23. $4\frac{1}{2}$

Q24. 0.015 (smallest), 0.105, $\frac{3}{20}$

Q25. 9.74

Q26. \$21.60 $\rightarrow 3.60 \times 6 = 21.60$

Q27. 144°

Q28. $\angle P, \angle S$

Q29. 13

Q30. 3 children

$1 \times 4 = 4, 2 \times 4 = 8, 3 \times 5 = 15, 4 \times 2 = 8, 4 + 8 = 12, 12 + 8 = 20,$
 $20 + 15 = 35, 50 - 35 = 15, 15 \div 5 = 3$

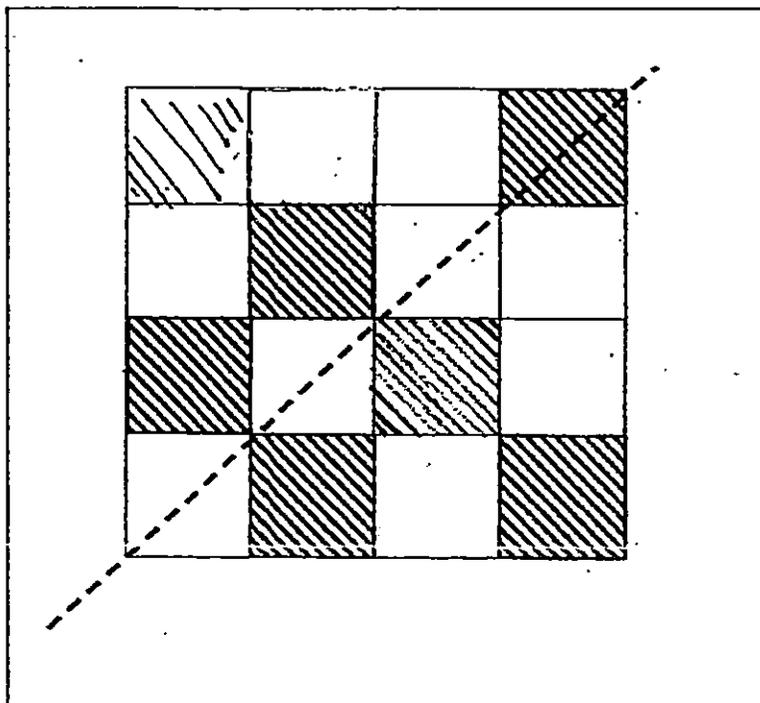
Q31. 3h42min

Q32. 1740

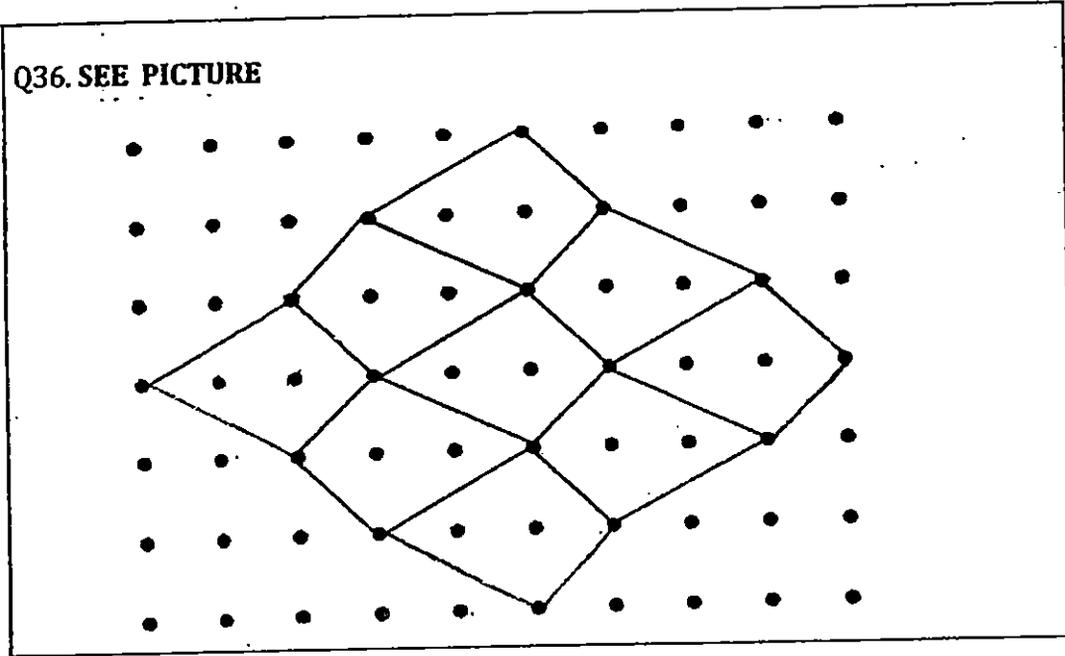
Q33. 108cm^2

Q34. 10cm^2

Q35. SEE PICTURE



Q36. SEE PICTURE



Q37. \$40 $\rightarrow 8 \div 2 = 4, 4 \times 10 = 40$

Q38. 635 oranges

$$3768 - 121 = 257$$

$$1u \rightarrow 257, 257 \times 2 = 514, 514 + 121 = 635$$

$$Q39a. \frac{7}{10} \rightarrow \frac{2}{5} \times 2 = \frac{4}{10}, \frac{4}{10} + \frac{3}{10} = \frac{7}{10}$$

$$Q39b. \$200 \rightarrow 60 \div 3 = 20, 20 \times 10 = 100$$

$$Q40. \$29.60 \rightarrow 95.30 - 6.50 = 88.80, 88.80 \div 3 = 29.60$$

$$Q41a. \$180 \rightarrow 2u \rightarrow 605 - 245 = 360, 1u \rightarrow 360 \div 2 = 180$$

$$Q41b. \$65 \rightarrow 245 - 180 = 65$$

Q42. $2\frac{3}{8}m$

$$\frac{1}{8} + \frac{5}{8} = 1\frac{6}{8} = 1\frac{3}{4}, 3 - 2\frac{3}{8} = \frac{7}{8} \text{ (CD)}, \frac{7}{8} + \frac{7}{8} = \frac{14}{8}$$

$$\frac{14}{8} + \frac{5}{8} = \frac{19}{8}, \frac{19}{8} = 2\frac{3}{8} \text{ (mixed number)}$$

$$Q43a. 37.5m \rightarrow 50.5 - 13 = 37.5$$

$$Q43b. 9.38m \rightarrow 37.5 \div 4 = 9.375, 9.375 \approx 9.38$$

$$Q44a. 35cm \rightarrow 4 \times 4 = 16, 16 \times 4 = 64, 64 + 286 = 350, 350 \div 10 = 35$$

$$Q44b. 90cm \rightarrow 35 + 10 = 45, 45 \times 2 = 90$$

THE END



**NAN HUA PRIMARY SCHOOL
SEMESTRAL EXAMINATION 2 – 2015
PRIMARY 4**

MATHEMATICS

Section A: 20 Multiple Choice Questions (40 marks)

Section B: 20 Open-ended Questions (40 marks)

Section C: 5 Word problems (20 marks)

Total Time for Paper: 1 H 45 MIN

INSTRUCTION TO CANDIDATES

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1-20.

Marks Obtained :

Section A		/ 40
Section B		/ 40
Section C		/ 20
Total		/ 100

Name : _____ ()

Class : 4 _____

Date : 29 October 2015 **Parent's Signature :** _____

Section A: Multiple Choice Questions (20 × 2 marks)

Questions 1 to 20 carry 2 marks each.

Of the 4 options given, only one is correct. Choose the correct answer (1, 2, 3 or 4) and shade the correct oval on the Optical Answer Sheet (OAS).

1. Thirty-five thousand and twenty-seven in figure is _____.

(1) 35 270

(2) 35 207

(3) 35 027

(4) 3527

()

2. 85 355 rounded off to the nearest hundred is _____.

(1) 85 000

(2) 85 300

(3) 85 360

(4) 85 400

()

3. Which of the following is a common factor of 6 and 9?

(1) 15

(2) 18

(3) 3

(4) 54

()

4. What is the product of 1240 and 5?

(1) 248

(2) 1235

(3) 1245

(4) 6200

()

5. $3\frac{6}{7} = \frac{\square}{7}$

What is the missing number in the box?

- (1) 15
- (2) 18
- (3) 21
- (4) 27

()

6. How many one-sixths are there in 2 wholes?

- (1) $\frac{1}{3}$
- (2) 6
- (3) 3
- (4) 12

()

7. Which of the following fractions is in its simplest form?

- (1) $\frac{3}{10}$
- (2) $\frac{6}{9}$
- (3) $\frac{2}{8}$
- (4) $\frac{3}{6}$

()

8. Meili had \$36 left after spending $\frac{4}{5}$ of her money on a dress. How much money did she have at first?

- (1) \$18
- (2) \$54
- (3) \$90
- (4) \$180

()

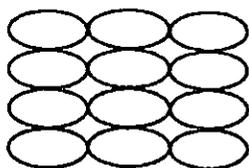
9. Express $\frac{2}{25}$ as a decimal.

- (1) 0.08
- (2) 0.225
- (3) 0.8
- (4) 2.25

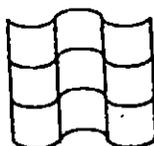
()

10. Which of the following diagrams does **not** show a tessellation?

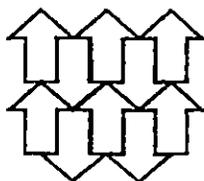
(1)



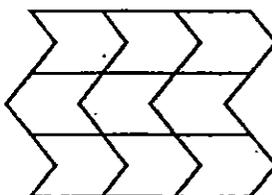
(2)



(3)

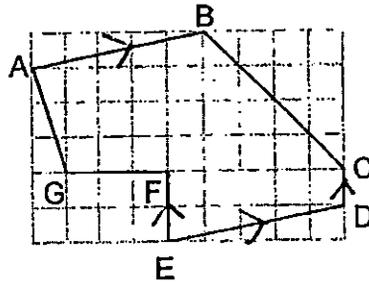


(4)



()

11. Figure ABCDEFG is drawn on the square grid shown. Which one of the following statements is true?



- (1) FE is parallel to CD
- (2) GF is parallel to FE
- (3) AB is perpendicular to ED
- (4) AB is perpendicular to BC ()

12. Ramli saves \$315 a month. He saves 3 times as much as Jimmy in a month. How much does Jimmy save in a month?

- (1) \$75
- (2) \$105
- (3) \$525
- (4) \$4 725 ()

13. How many right angles would a minute hand have moved if it moved from 2.30 p.m. to 3.15 p.m.?

- (1) 1
- (2) 2
- (3) 3
- (4) 4 ()

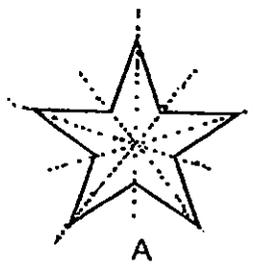
14. Nellie went for a movie. The movie ended at 23 50.

If the movie lasted for 2 h 5 min, at what time did the movie start?

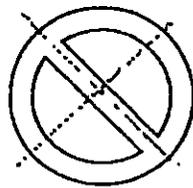
- (1) 1.55 a.m.
- (2) 1.55 p.m.
- (3) 9.45 a.m.
- (4) 9.45 p.m.

()

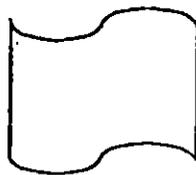
15. Which of the following figures have more than 1 line of symmetry?



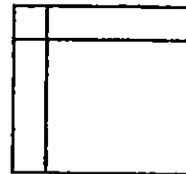
A



B



C



D

- (1) A and B only
- (2) A and D only
- (3) B and C only
- (4) C and D only

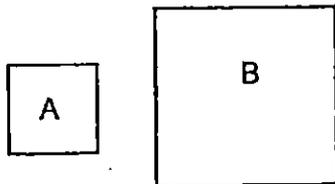
()

16. The total height of Jason, Lucas and Peter is 4 m 5 cm. Lucas is 53 cm taller than Peter. Jason is 7 cm shorter than Lucas. Find Jason's height.

- (1) 128 cm
- (2) 148 cm
- (3) 155 cm
- (4) 163 cm

()

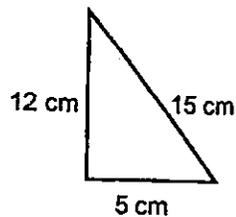
17. The figure below shows 2 squares (not drawn to scale). The area of square B is 4 times as big as the area of square A. If square B has an area of 36 cm^2 , what is the length of square A?



- (1) 9 cm
(2) 12 cm
(3) 3 cm
(4) 24 cm ()
18. Mr Lim took a bus to Malacca at 12 55. He reached Malacca at 4.45 p.m.
How long did Mr Lim take to travel to Malacca?

- (1) 3 h 10 min
(2) 3 h 50 min
(3) 4 h 10 min
(4) 4 h 50 min ()

19. A piece of wire is used to bend a triangle as shown in the diagram (not drawn to scale) below. It is then straightened and used to bend a square. What is the length of the square?



- (1) 8 cm
(2) 16 cm
(3) 27 cm
(4) 32 cm

(.)

20. Ten potted plants are placed in a straight row at equal distance apart. The distance between the first and fourth potted plant is 6 m. What is the distance between the first and last potted plant?

- (1) 13.5 m
(2) 15 m
(3) 18 m
(4) 20 m

()

Section B: Open-ended Questions (20 × 2 marks)

Questions 21 to 40 carry 2 marks each.

Write out the correct answers for the following questions in the boxes provided.
Show your workings clearly and give your answers in the units provided.

21. $94\,308 = 90\,000 + 4\,000 + \underline{\hspace{2cm}} + 8$

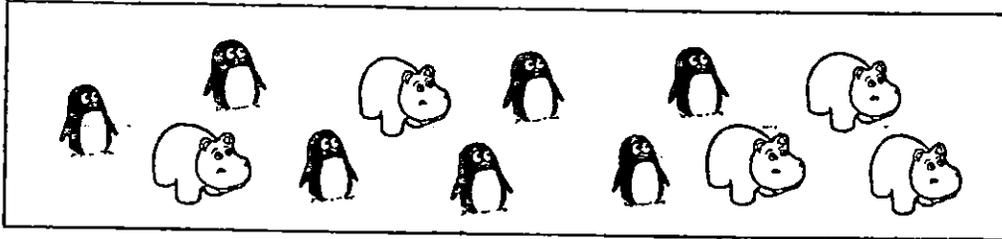
What is the missing number?

22. Fill in the blank with the correct number in the number pattern below.

850 , 825 , 800 , , 750

23. $\frac{1}{3} + \frac{2}{9} = \underline{\hspace{2cm}}$

24. What fraction of the animals shown are penguins?



25. Arrange the following numbers in order from the greatest to the smallest.

$\frac{4}{5}$, 0.805 , 0.085

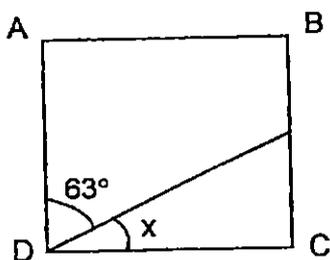
_____	,	_____	,	_____
greatest				smallest

26. Round off 21.52 to the nearest whole number.

27. $9.3 - 0.19 =$ _____

28. Find the value of 6.07×6 .

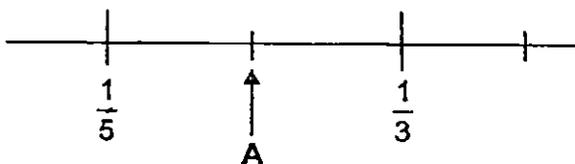
29. ABCD is a square. Find $\angle x$.


10

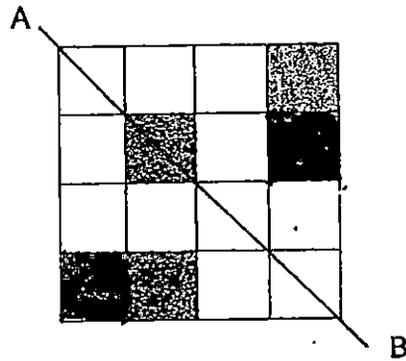
30. Mrs Sandri had some buttons. She used $\frac{2}{3}$ of the buttons on some dresses and $\frac{1}{4}$ of the buttons on some pants. She had 8 buttons left in the end. How many buttons did Mrs Sandri have at first?

buttons

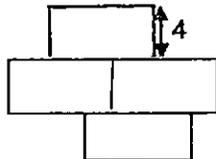
31. Write the fraction represented by A.



32. Shade **two** more boxes in the figure below such that line AB is the line of symmetry of the figure.



33. The figure below shows 4 identical rectangles (not drawn to scale). The length of each rectangle is twice its breadth. Given that the breadth of each rectangle is 4 cm, find the perimeter of the figure.



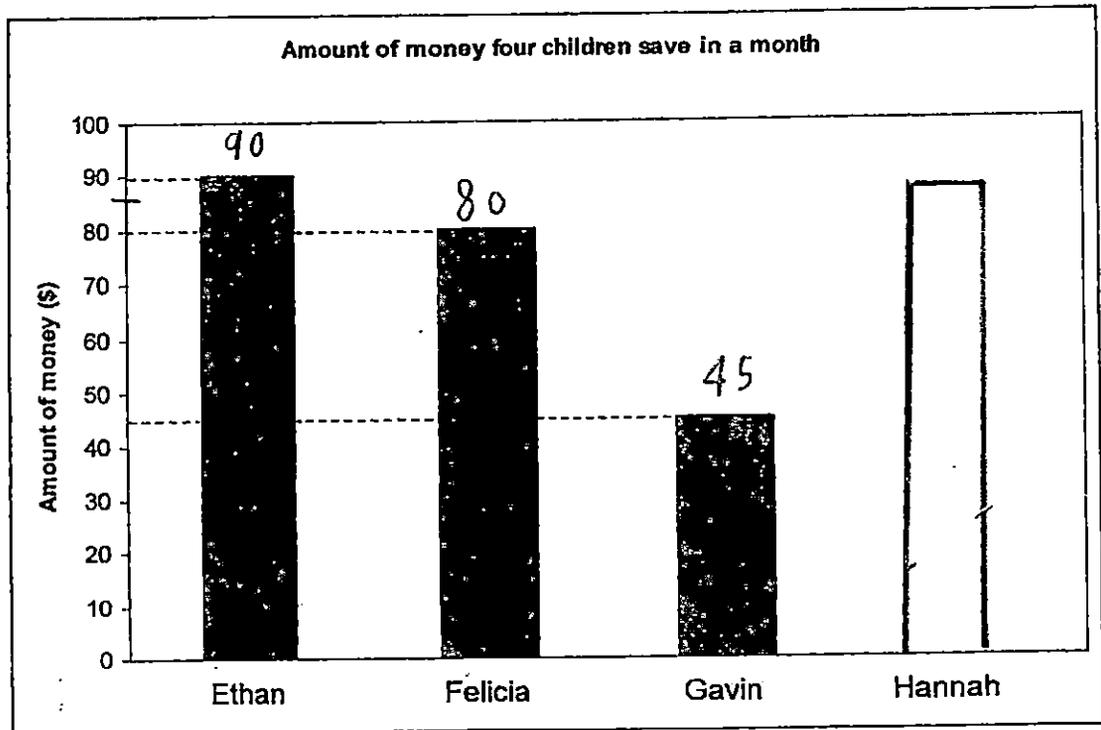
34. Rohaila bought some stalks of flowers for her friends. If she gave 8 stalks of flowers to each of her friends, she would need another 6 stalks. If she gave 6 stalks of flowers to each of her friends, she would have 4 stalks left over. How many stalks of flowers did Rohaila buy?

stalks

35. Jonathan reached his office at 07 45 yesterday. He left his office at 17 35. How long was he in his office yesterday?

h min

The graph below shows the amount of money four children save in a month. Study the graph below carefully and use it to answer questions 36 and 37.



36. If Felicia wants to save twice as much as Gavin, how much **more** must she save?

\$

37. If Ethan and Felicia were to give half of the amount of money that they had saved to Hannah, how much money would Hannah have?

Draw the bar in the graph that shows Hannah's amount of money.

38. Ray and Kelvin shared the total cost of a meal. Ray paid $\frac{2}{5}$ of the total cost. Kelvin paid \$54. How much did the meal cost?

39. Mr Lim wants to tile the floor of his living room that measures 15 m by 12 m. If the cost of tiling the floor is \$10 per square metre, how much does Mr Lim have to pay?

40. Mrs Nelson bought 10 kg of flour. She used $\frac{1}{5}$ kg of it to bake some cakes and $2\frac{1}{2}$ kg of flour to bake some tarts. How much flour had she left?

 kg

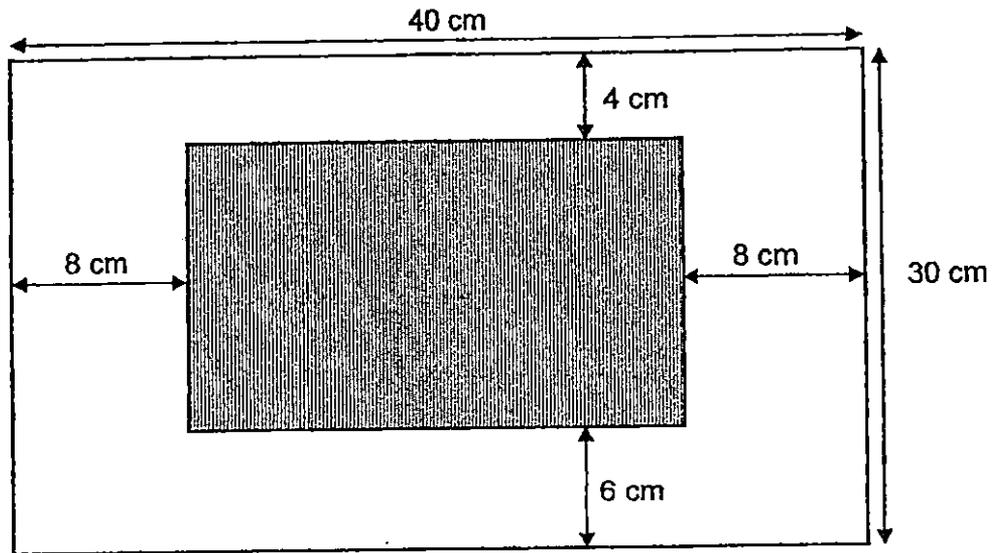
Section C (5 × 4 marks)

For each of the following questions, show your workings and mathematical statements in the space below each question. Write your answer in the answer space provided.

41. Ali, Timothy and Hannah have 1 000 rubber bands altogether. Hannah has three as many rubber bands as Ali. Timothy has 43 rubber bands fewer than Hannah. How many rubber bands does Ali have?

42. Mrs Hui and Mrs Lum had the same number of cupcakes. Mrs Hui sold 59 cupcakes while Mrs Lum sold 350 cupcakes. The number of cupcakes that Mrs Hui had left was four times the number of cupcakes Mrs Lum had left. How many cupcakes did Mrs Lum have at first?

43. Susan bought a white board which measured 40 cm by 30 cm. She pasted a piece of note on it as shown in the diagram (not drawn to scale) below.



Find the area of the white board that was left uncovered.

44. There were 120 boys and some girls in the school hall. After $\frac{1}{4}$ of the boys and 20 girls left the hall, there was an equal number of boys and girls remained in the hall. How many girls ~~remained~~ ^{were there} in the hall?

45. Arthur had \$96. He bought 2 ties at \$36.90 each and spent part of the remaining money on 3 folders. If he had \$5.40 left, how much did each folder cost?

----- End of Paper -----

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : NAN HUA PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	3	4	4	4	1	4	1	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	2	3	4	1	2	3	2	1	3

Q21. 300

Q22. 775

Q23. $\frac{5}{9}$

Q24. $\frac{7}{12}$

Q25. 0.805 (greatest), $\frac{4}{5}$, 0.085 (smallest)

Q26. 22

Q27. 9.11

Q28. 36.42

Q29. 27°

Q30. 96 buttons

$$\frac{2}{3} \times 4 = \frac{8}{12}$$

$$\frac{1}{4} \times 3 = \frac{3}{12}$$

$$\frac{8}{12} + \frac{3}{12} = \frac{11}{12}$$

$$\frac{12}{12} - \frac{11}{12} = \frac{1}{12}$$

$$\frac{1}{12} \times 12 = 1$$

$$8 \times 12 = 96$$

Q31. $\frac{2}{9}$ Q32. SEE PICTURE Q33. 56cm $\rightarrow 4 \times 2 = 8, 16+12 (\times 2) = 56$

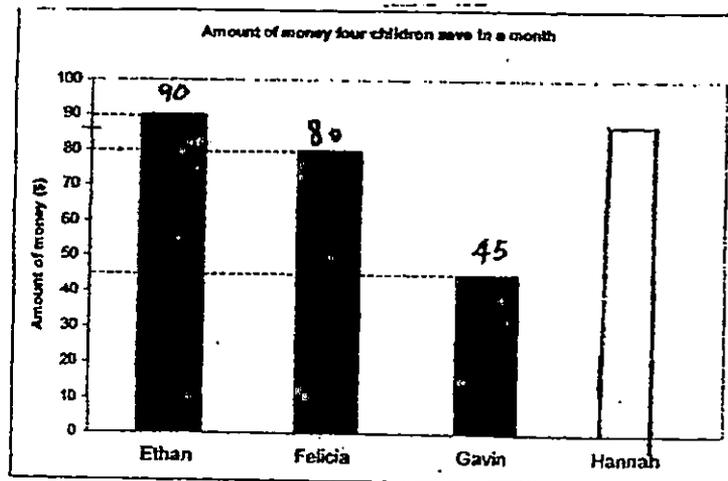
Q34. 34 stalks $\rightarrow 6+4=10, 8-6=2, 10 \div 2=5, 5 \times 6=30, 30+4=34.$

Q35. 9h 50min

Q36. \$10 $\rightarrow 45+45=90, 90 - 80 = 10$

Q37. SEE PICTURE

Q38. $\$90 \rightarrow 54 \div 3 = 18, 18 \times 5 = 90$



Q39. $\$1800 \rightarrow 15 \times 12m = 180, 180 \times 10 = 1800$

Q40. $7\frac{3}{10} \rightarrow 10 = 9\frac{10}{10}, 9\frac{10}{10} - 2\frac{7}{10} = 7\frac{3}{10}$

Q41. $1497 \div 1000 + 43 = 1043, 1043 \div 7 = 149$

Q42. 447 cupcakes $\rightarrow 350 - 59 = 291, 291 \div 3 = 97, 350 + 97 = 447$

Q43. 720cm^2

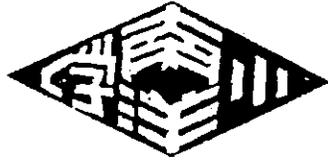
$30\text{cm} - 6\text{cm} - 4\text{cm} = 20\text{cm}, 24\text{cm} \times 20\text{cm} = 480\text{cm}^2$

$1200\text{cm}^2 - 480\text{cm}^2 = 720\text{cm}^2$

Q44. 110 girls $\rightarrow 120 \div 4 = 30, 30 \times 3 = 90, 90 + 20 = 110$

Q45. $\$5.60 \rightarrow 36.90 \times 2 = 73.80, 73.80 + 5.40 = 79.20, 96 - 79.20 = 16.80, 16.80 \div 3 = 5.60$

THE END



NANYANG PRIMARY SCHOOL

**SECOND SEMESTRAL EXAMINATION
2015**

**PRIMARY 4
MATHEMATICS**

DURATION: 1 HOUR 45 MINUTES

Section A	/ 30
Section B	/ 40
Section C	/ 30

Total:	/ 100
---------------	--------------

Name: _____ ()

Class: Primary 4 ()

Date: 26 October 2015

Any query on marks awarded should be raised by 06 November 2015.
We seek your understanding in this matter as any delay in the
confirmation of marks will lead to delays in the generation of results.

Parent's Signature: _____

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD
TO DO SO.**

**FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.**

Section A

Questions 1 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 30 marks)

1. 25 thousands and 9 tens is the same as _____.

- (1) 259
(3) 25 009

- (2) 2590
(4) 25 090

2. Complete the following number pattern.

5, 12, 19, _____, _____, 40

- (1) 20, 21
(3) 26, 27

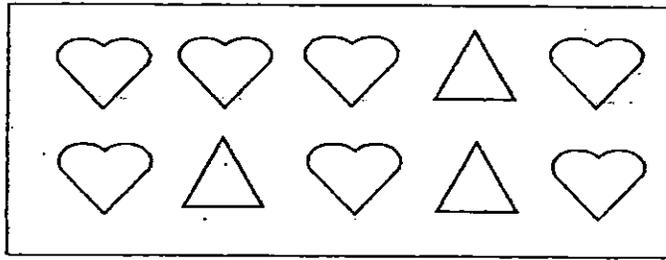
- (2) 20, 39
(4) 26, 33

3. Which one of the following numbers when rounded off to the nearest ten becomes 39 800?

- (1) 39 749
(3) 39 804

- (2) 39 794
(4) 39 853

4. What fraction of the shapes in the box are  ?



(1) $\frac{3}{7}$

(2) $\frac{7}{3}$

(3) $\frac{3}{10}$

(4) $\frac{7}{10}$

5. Which one of the following letters has perpendicular lines?

(1) A

(2) F

(3) M

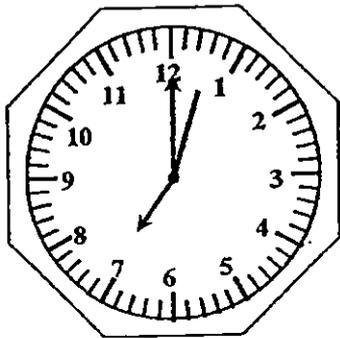
(4) W

6. Round off 73.85 to the nearest whole number.

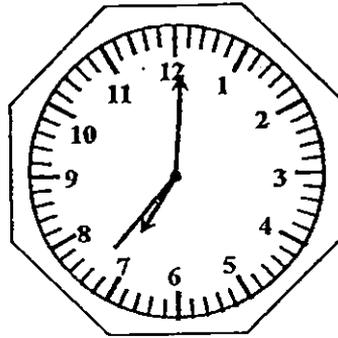
(1) 70
(3) 74

(2) 73
(4) 75

7. Study the clock faces below.



Starting



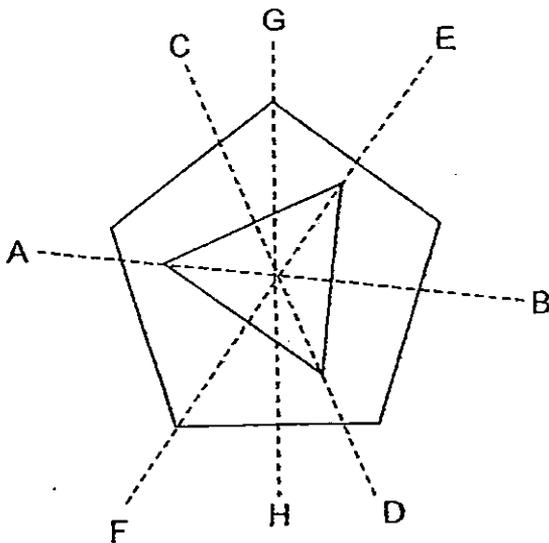
Ending

Find the duration of the starting time and the ending time.

- (1) 37 s
- (3) 3 s

- (2) 34 s
- (4) 12 s

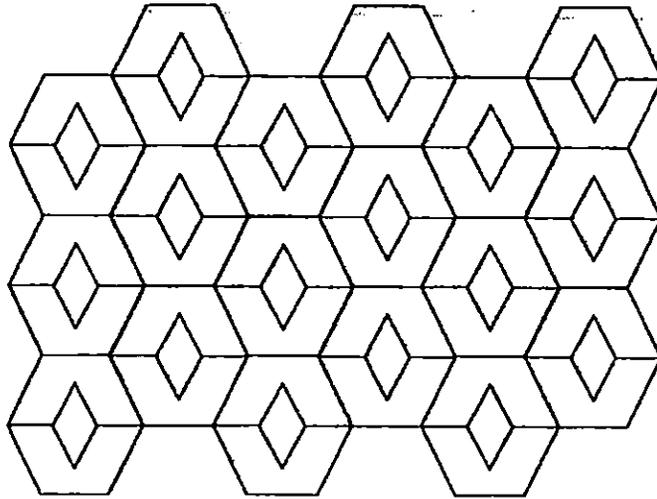
8. Study the figure below. All the sides of the triangle and the five-sided figure are equal. Which is the correct line of symmetry?



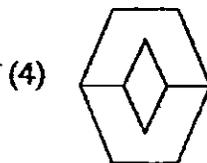
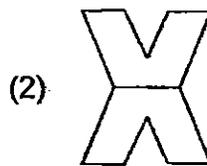
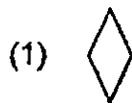
- (1) AB
- (3) EF

- (2) CD
- (4) GH

9. The pattern below shows part of a tessellation formed by using only one unit shape.



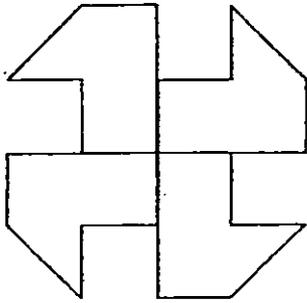
Which one of the following is the unit shape used in the tessellation above?



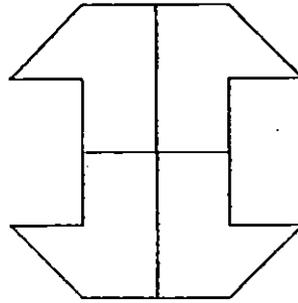
10. Yuri used the unit shape  to form 4 different tessellations.

Which one of the following shows the correct tessellation?

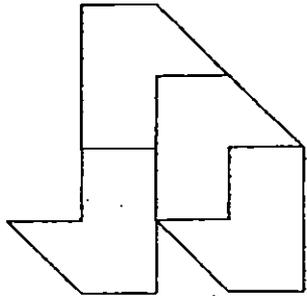
(1)



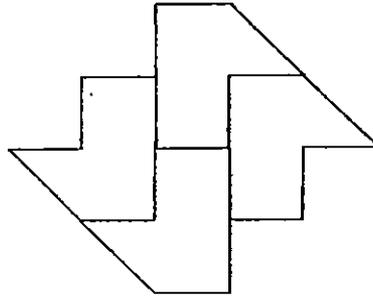
(2)



(3)



(4)



11. Kyan collected 5159 stamps last year. This year, he collected twice as many stamps as last year. Find the number of stamps he collected this year. Round off your answer to the nearest thousand.

(1) 10 000

(2) 10 300

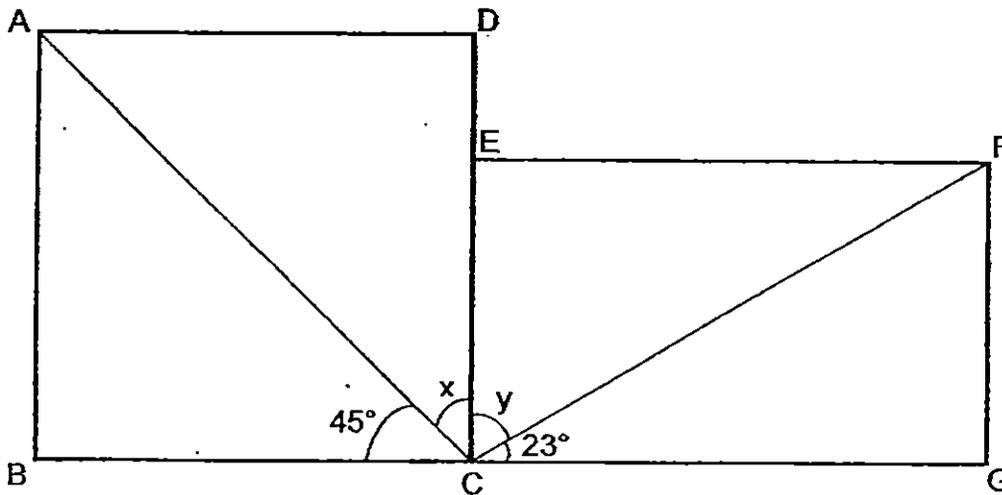
(3) 10 318

(4) 11 000

12. Candy is 1.14 m tall. Alan is 0.23 m taller than Candy. What is the total height of the 2 children? Round off your answer to 1 decimal place.

- | | |
|-----------|-----------|
| (1) 1.4 m | (2) 2.1 m |
| (3) 2.5 m | (4) 2.6 m |

13. ABCD is a square and CEFG is a rectangle. Find $\angle x + \angle y$.



- | | |
|----------|----------|
| (1) 45° | (2) 67° |
| (3) 112° | (4) 135° |

14. The mass of Wei Liang is $\frac{3}{2}$ of Ahmad's mass. Ahmad's mass is 36 kg. John is 14 kg lighter than Wei Liang. What is the mass of John?

- (1) 10 kg (2) 38 kg
(3) 40 kg (4) 68 kg

15. Bertrand is watching an orchestral performance in a concert hall. There are 25 seats to his right and 30 seats to his left. There are 48 rows of seats in front of him and 56 rows behind him. There are an equal number of seats in each row. What is the total number of seats in the concert hall?

- (1) 750 (2) 2688
(3) 5720 (4) 5880

Section B

Questions 16 to 35 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(Total: 40 marks)

16. Two factors of 95 are 1 and 95. What are the other two factors of 95?

Ans : _____ , _____

17. $\frac{1}{3} + \frac{5}{9} =$ _____

Ans : _____

18. Find the value of $1 - \frac{1}{8} - \frac{3}{4}$.

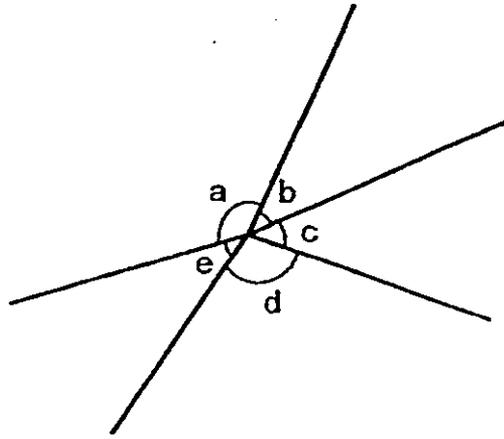
Ans : _____

19. Which two of the fractions below are smaller than $\frac{1}{2}$?

$\frac{1}{4}$, $\frac{2}{3}$, $\frac{3}{7}$, $\frac{4}{5}$

Ans : _____ , _____

20. In the figure, name the two angles that are greater than 90° .

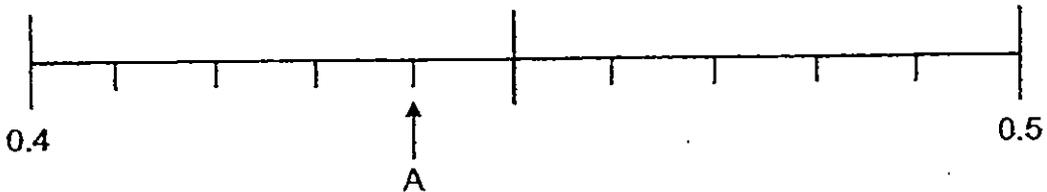


Ans : \angle _____ , \angle _____

21. Express $\frac{7}{100}$ as a decimal.

Ans : _____

22. Write the decimal represented by A.



Ans : _____

23. Arrange the following numbers in order from the greatest to the smallest.

0.075 , 0.705 , 0.507

Ans: _____ , _____ , _____
(greatest) (smallest)

24. Find the value of 3.84×7 .

Ans : _____

25. Find the difference between 20 tenths and 35 hundredths. Leave your answer as a mixed number in its simplest form.

Ans : _____

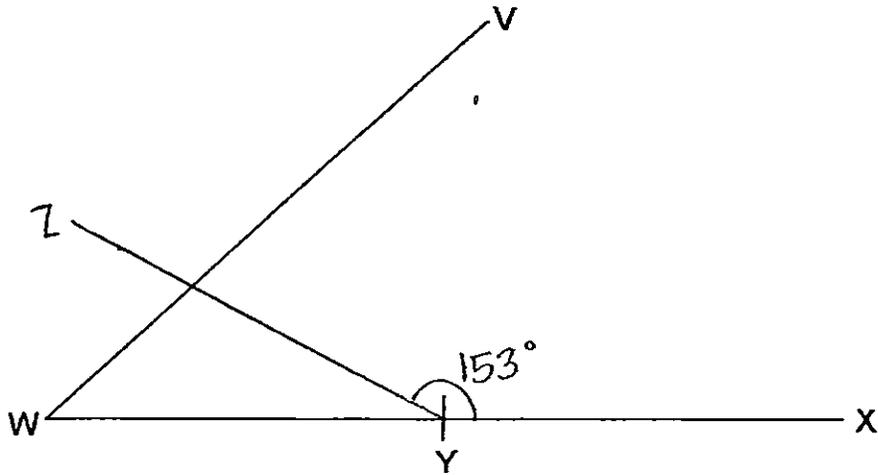
26. Amelia won \$3888 in a lucky draw. She shared her winnings with her two parents. Each of her parents received 4 times as much money as Amelia. How much money did Amelia keep for herself?

Ans : \$ _____

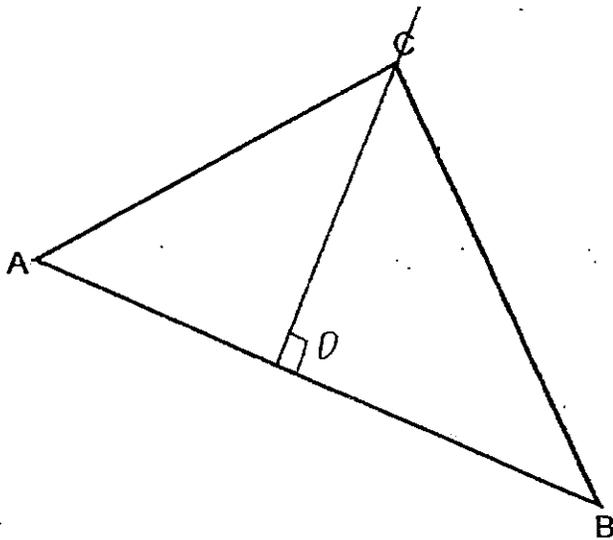
27. There are three numbers. The first number is $\frac{5}{12}$ of the second number. The second number is $\frac{4}{9}$ of the third number. The third number is 189. Find the first number.

Ans : _____

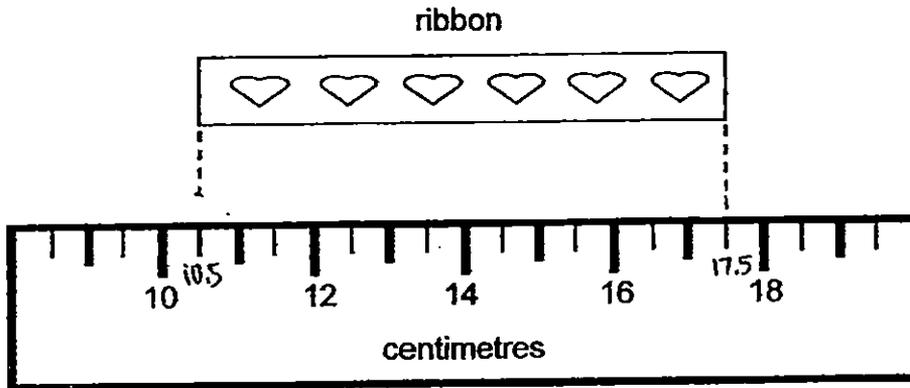
28. Draw a straight line such that $\angle XYZ = 153^\circ$ and the line passes through the line VW. Mark and label $\angle XYZ$.



29. In the figure below, ABC is a triangle. Draw a line that is perpendicular to AB passing through point C . Mark the point where this line meets AB as D .



30. Melissa had a piece of ribbon as shown below. She cut part of it and the piece of ribbon became shorter by 5.5 cm. What was the length of the ribbon that was left?

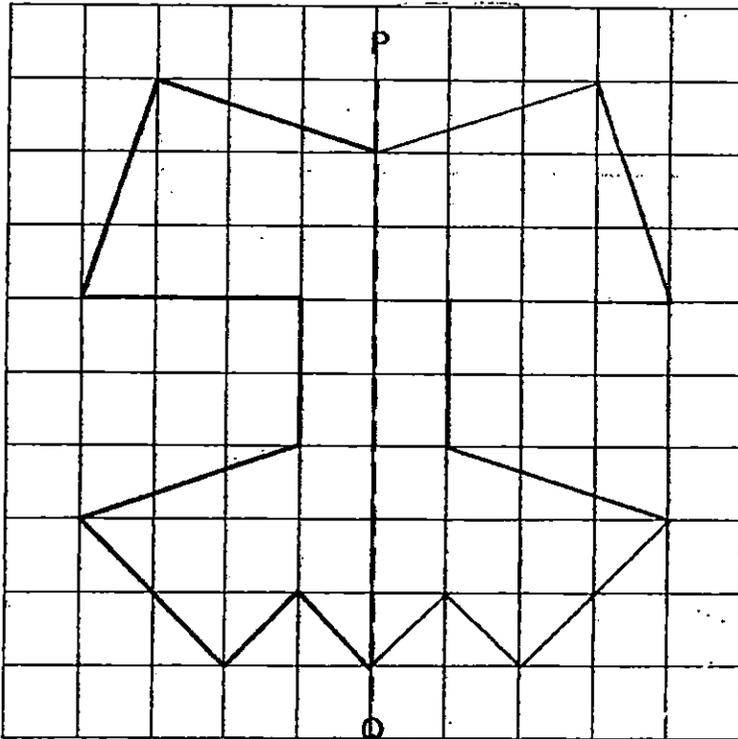


Ans : _____ cm

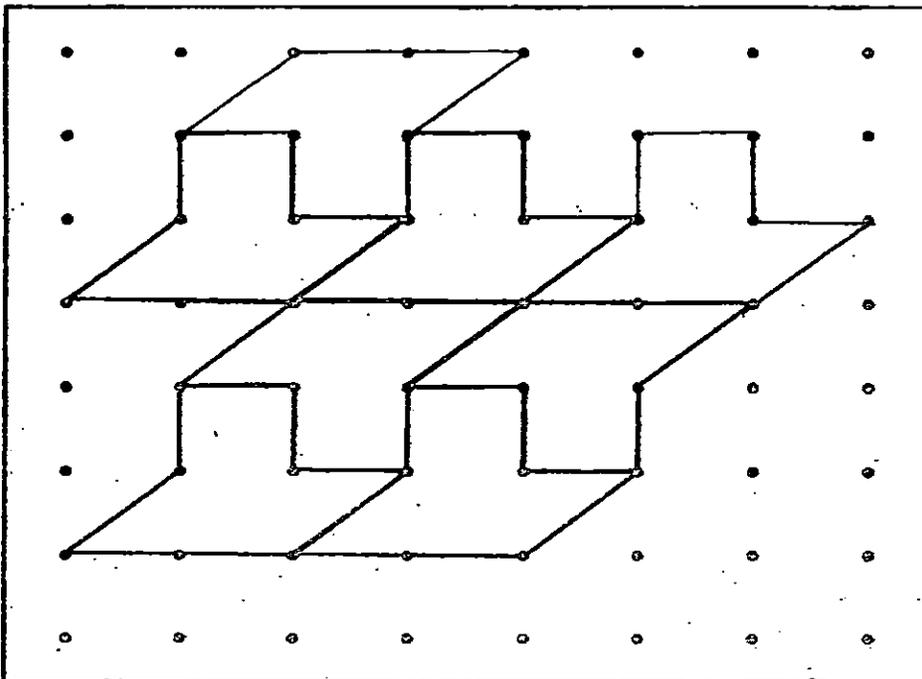
31. At a shop, packets of sugar were sold at 3 for \$3.90. Mrs Toh bought 5 such packets. How much did Mrs Toh pay?

Ans : \$ _____

32. Complete the symmetric figure below. PQ is the line of symmetry.



33. The pattern in the box below shows part of a tessellation. Extend the tessellation by drawing two more unit shapes in the space provided in the box.

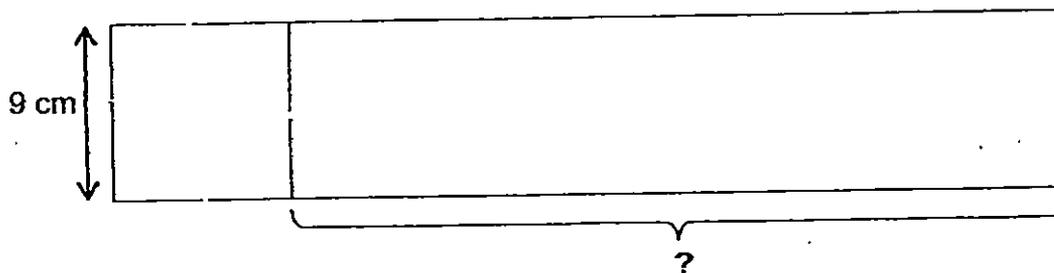


34. The table below shows the number of teachers and pupils who went to Snow City. A total of 220 teachers and pupils went to Snow City. 198 of them are pupils.

Complete the following table by writing the correct answers on the lines provided.

	Male	Female
Number of Teachers	10	c) _____
Number of Pupils	a) _____	84
Total	b) _____	d) _____

35. The figure below is made up of a square and a rectangle. The side of the square is 9 cm. The perimeter of the figure is 108 cm. What is the length of the rectangle?



Ans: _____ cm

Section C

Questions 36 to 37 carry 3 marks each and questions 38 to 43 carry 4 marks each. Do these word problems carefully. Show your working clearly in the space provided for each question and write your answers in the spaces provided.

(Total: 30 marks)

36. Mrs Seah has some erasers. The number of erases that she has is between 50 to 80. When she packs 7 erasers into each pack, she has 6 extra erasers. When she packs 8 erasers into each pack, she is short of 4 erasers. How many erasers does Mrs Seah have?

Ans: _____ [3]

37. Arif paid \$279.30 for 2 pairs of pants and 3 shirts. Each pair of pants cost twice as much as each shirt. How much did each pair of pants cost?

Ans: _____ [3]

38. When a number is divided by 12, the quotient is 74. Add 234 to the same number and divide the sum by 6. What is the new quotient?

Ans: _____ [4]

39. A car-wash machine takes $\frac{1}{6}$ h to wash 1 car. Washing the car by hand takes $\frac{1}{4}$ h longer than the car-wash machine.

- (a) Find the time taken to wash 1 car by hand.
- (b) Find the total time taken to wash 3 cars by hand. Leave your answer in hours and minutes.

Ans: (a) _____ [2]

(b) _____ [2]

40. Fadil has a rectangular piece of paper measuring 42 cm by 20 cm as shown in Figure 1. He cuts out a square from the paper and shifts it to the side of the remaining piece of paper to create a new figure as shown in Figure 2. There is no overlapping of the 2 pieces of paper. Figure 2 has a perimeter of 168 cm. What is the area of the square that was cut out?

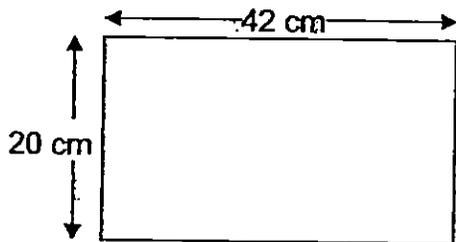


Figure 1

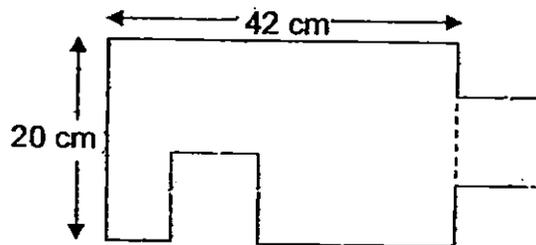


Figure 2

Ans: _____ [4]

41. A businessman took a flight at 01 10 on Tuesday to fly from Singapore to Italy. The time in Singapore is 6 hours ahead of the time in Italy.

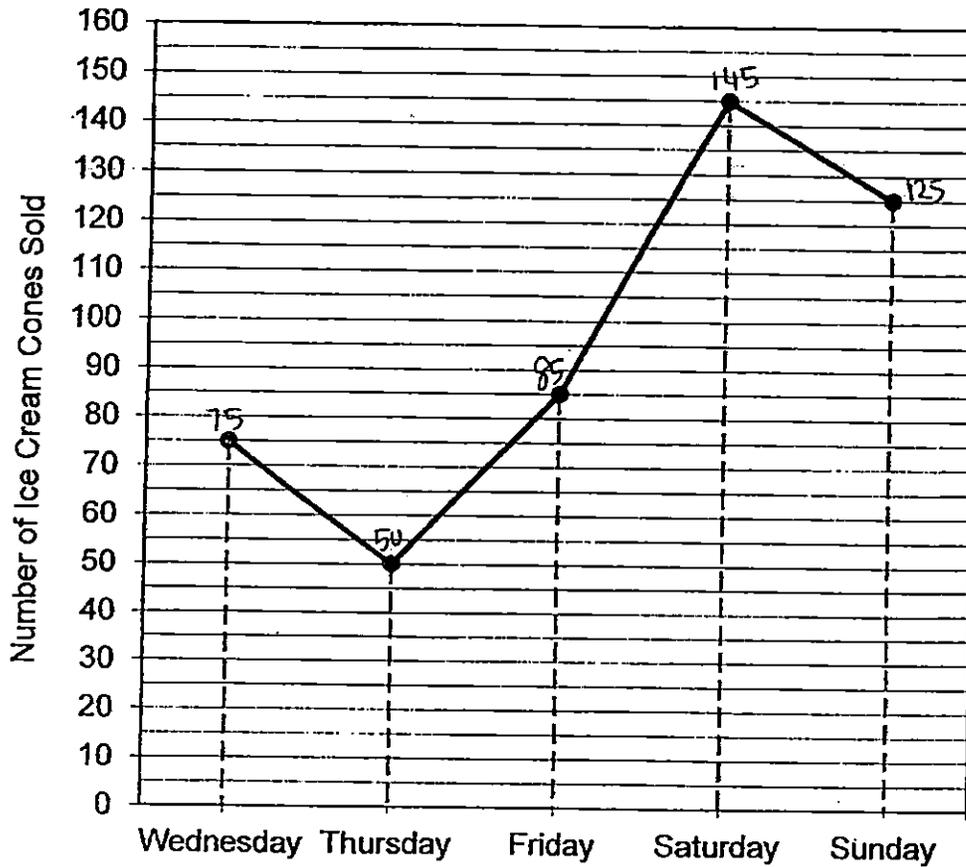
(a) What was the local time in Italy when the flight left Singapore?

(b) The flight lasted 12 h 55 min. What was the time in Singapore when he reached Italy?

Ans: (a) _____ [2]

(b) _____ [2]

42. An ice cream shop owner kept a record of the number of ice cream cones he sold from Wednesday to Sunday. He then plotted a line graph based on the data.



- (a) Which day did he sell the greatest number of ice cream cones?

Ans : _____ [1]

- (b) What was the difference in the number of ice cream cones sold between Wednesday and Thursday?

Ans : _____ [1]

- (c) He sold his ice cream cones at \$2 each. How much did he collect from the sale of the ice cream cones from Friday to Sunday?

Ans : _____ [2]

43. Jia Xian attempted all the 15 questions in a quiz and scored 10 marks. Given that 3 marks were awarded for each correct answer but 2 marks were deducted for each wrong answer. how many questions did Jia Xian answer correctly?

Ans: _____

END OF PAPER

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : NANYANG PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	4	3	3	2	3	2	3	4	4
Q11	Q12	Q13	Q14	Q15					
1	3	3	3	4					

Q16. 5, 19

Q17. $\frac{8}{9}$

Q18. $\frac{1}{8} \frac{1}{8} + \frac{6}{8} = \frac{7}{8}, 1 - \frac{7}{8} = \frac{1}{8}$

Q19. $\frac{1}{4}, \frac{3}{7}$

Q20. $\angle a, \angle d$

Q21. 0.07

Q22. 0.44

Q23. 0.705 . 0.507, 0.075

Q24. $26.88 \rightarrow 3.84 \times 7 = 26.88$

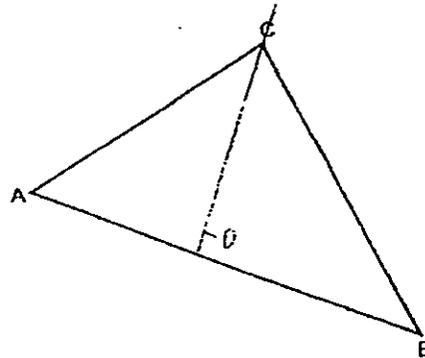
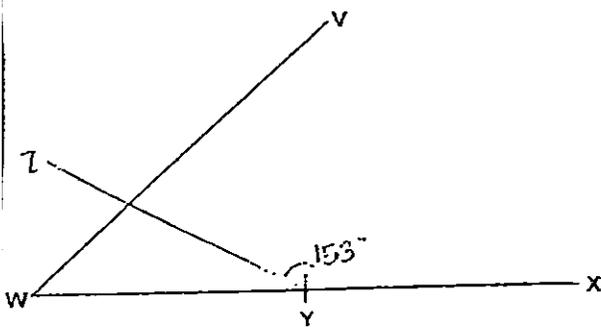
Q25. $1\frac{13}{20} \rightarrow \frac{20}{10} - \frac{35}{100} = 2 - 0.35 = 1.65 = 1\frac{65}{100} = 1\frac{13}{20}$

Q26. $\$432 \rightarrow 3888 \div 9 = 432$

Q27. 35 second no. $\rightarrow 189 \div 9 = 21, 21 \times 4 = 84, \text{first no. } 84 \div 12 = 7, 7 \times 5 = 35$

Q28. SEE PICTURE

Q29. SEE PICTURE

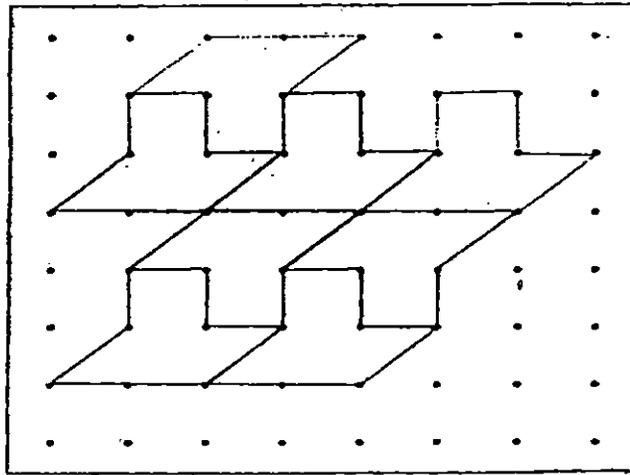
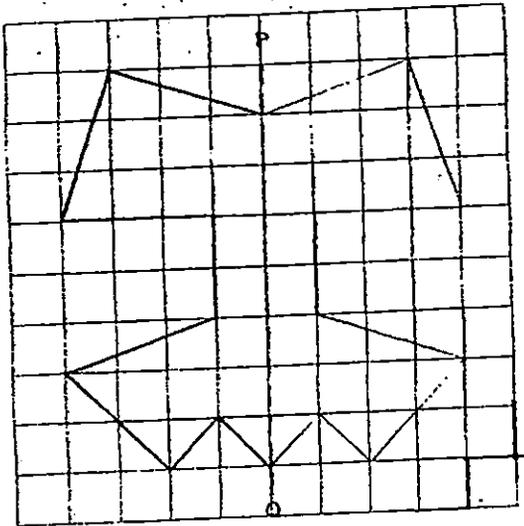


Q30. $1.5\text{cm} \rightarrow 17.5 - 10.5 = 7.0, 7.0 - 5.5 = 1.5$

Q31. $\$6.50 \rightarrow 3.90 \div 3 = 1.30, 1.30 \times 5 = 6.50$

Q32. SEE PICTURE

Q33. SEE PICTURE



Q34a. 114 Q34b. 124 Q34c. 12 Q34d. 96

Q35. $36\text{cm} \rightarrow 9 \times 4 = 36, 108 - 36 = 72, 72 \div 2 = 36$ Q36. $76 \rightarrow 10 \times 7 = 70, 70 + 6 = 76, 10 \times 8 = 80, 80 - 4 = 76$

Q37. $\$79.80 \rightarrow 279.30 \div 7 = 39.90, 39.90 \times 2 = 79.80$

Q38. $187 \rightarrow 74 \times 12 = 888, 888 + 234 = 1122, 1122 \div 6 = 187$

Q39a. 25min Q39b. 1h 15min

$$\frac{2}{12} + \frac{3}{12} = \frac{5}{12} \quad 25 \times 3 = 75$$

Q40. 121cm^2

$$(42 + 20) \times 2 = 62 \times 2 = 124,$$

$$168 \rightarrow 124 + X \text{ (side)} + X + X + X$$

$$168 - 124 = 44, 44 \div 4 = 11 \text{ (one side of square)}, 11 \times 11 = 121$$

Q41a. 1910 Q41b. 1405 Q42a. Saturday Q42b. $25 \times 75 - 50 = 25$

Q42c. $\$710 \rightarrow 85 + 145 + 125 = 355, 355 \times 2 = 710$

Q43. 8 If all questions are correct, $15 \times 3 = 45\text{m}$

1 question wrong, lose 3m & deduct 2m, total (-5m)

He scored 10m means he lost 35m, $45\text{m} - 10\text{m} = 35\text{m}$ $35 \div 5 = 7$

He had 7 questions wrong. He had 8 questions correct.

THE END

Pei Chun Public School
Semestral Assessment 2 – 2015
Mathematics
Primary 4

Booklet B

Name : _____ (15)

Marks :

Class : Primary 4 _____

Date : 27 October 2015

Time : 2 h

Maths Teacher : _____

Parent's Signature : _____

Booklet A	30
Booklet B	70
TOTAL	100

Questions 16 to 30 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (30 marks)

Do not write
in this space

16. What is the value of the digit 3 in 43 581?

Answer : _____

17. What number is 100 more than 59 998?

Answer : _____

18. Some factors of 45 are 1, 3, 9 and 45. What are the other two factors of 45?

Answer : _____ and _____

SCORE

Do not write
in this space

19. Which two of the fractions below are equivalent to $\frac{8}{12}$?

$$\frac{16}{24}$$

$$\frac{6}{10}$$

$$\frac{4}{6}$$

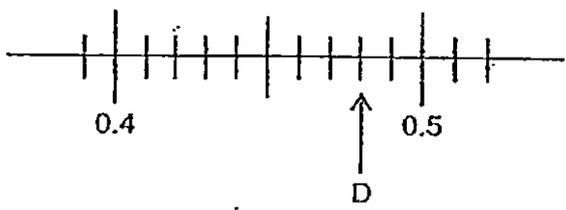
$$\frac{3}{4}$$

Answer: _____ and _____

20. $\frac{1}{2} - \frac{3}{10} =$ _____

Answer: _____

21. Write the decimal represented by D.



Answer: _____

22. Arrange these numbers from the smallest to the greatest.

0.826 , 3.7 , 0.307 , 0.016

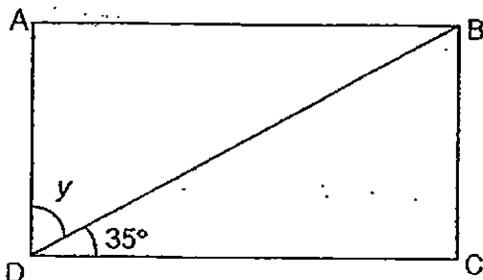
Answer: _____
(smallest) (greatest)

23. Find the value of 3.74×8 .

Do not write
in this space

Answer: _____

24. ABCD is a rectangle. Find $\angle y$.



Answer: _____°

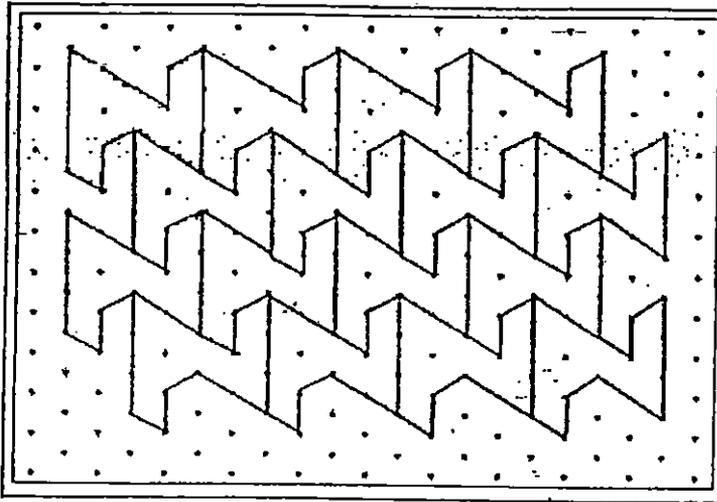
25. In the space below, draw $\angle XYZ = 137^\circ$. The line YZ has been drawn for you. Mark and label the angle.



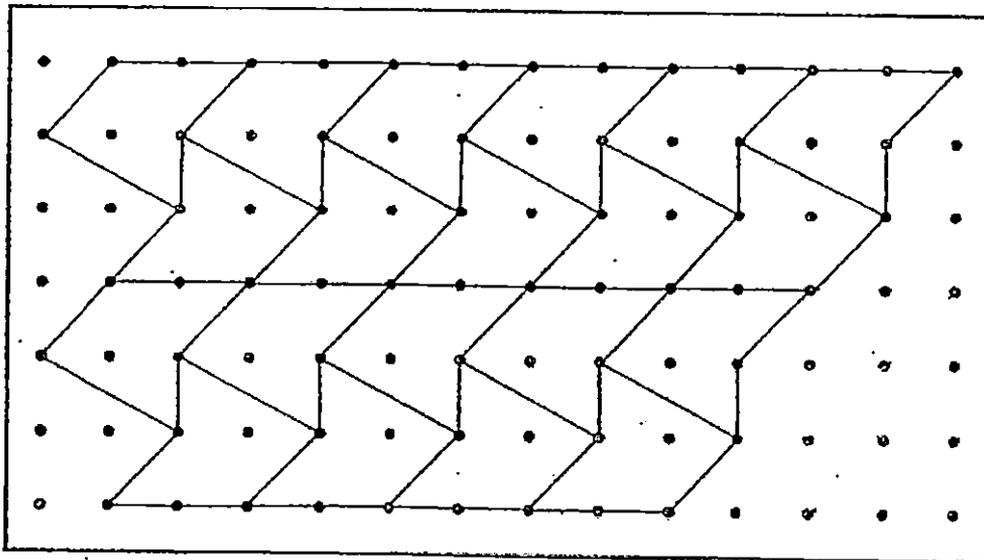
SCORE

26. (a) The pattern in the box shows part of a tessellation. Shade a unit shape of the tessellation.

Do not write
in this space



- (b) The pattern in the box shows part of a tessellation. Extend the tessellation by drawing two more unit shapes in the space provided in the box.



SCORE

29. The table shows the schedule of the show times at a bird park.

Do not write in this space

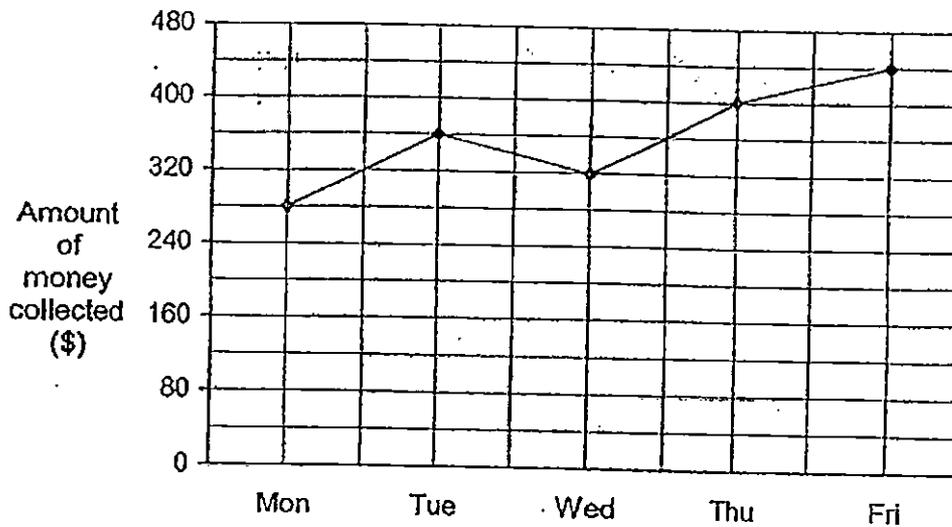
Show	Start time	Duration
Fly with Hawks Show	10 00, 13 00	30 min
Parrots Paradise Show	10 45, 16 30	40 min
Wings of Asia Show	11 15, 14 30	45 min
World of Darkness Show	12 00, 16 15	1 h

- (a) Jimei watched the Parrots Paradise Show at 10 45. What time did the show end? Give your answer in 24-hour time.
- (b) Peter arrives at the bird park with his classmates at 1.15 p.m. The bus will pick them up at 5 p.m. What show can Peter watch from the start to the end?

Answer : (a) _____

(b) _____

30. The graph below shows the amount of money collected from the sale of T-shirts for 5 days.



If each T-shirt was sold for \$4, how many more T-shirts were sold on Friday than on Wednesday?

Answer : _____

For questions 31 to 40, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (40 marks)

Do not write
in this space

31. A baker baked 5640 tarts. He packed all the tarts into boxes of 6 and sold them at \$12 per box. The baker sold 543 boxes of tarts.

(a) How many boxes of tarts did the baker pack?

(b) How much money was collected from the sale of the tarts?

Answer: (a) _____ [2]

(b) _____ [2]

SCORE

32. Mr Bala had 56 guppies. He gave $\frac{1}{4}$ of them to his friend and $\frac{5}{8}$ of them to his neighbour. He kept the rest of the guppies for himself.

- (a) How many guppies did he give away altogether?
(b) What fraction of the guppies did he keep for himself?

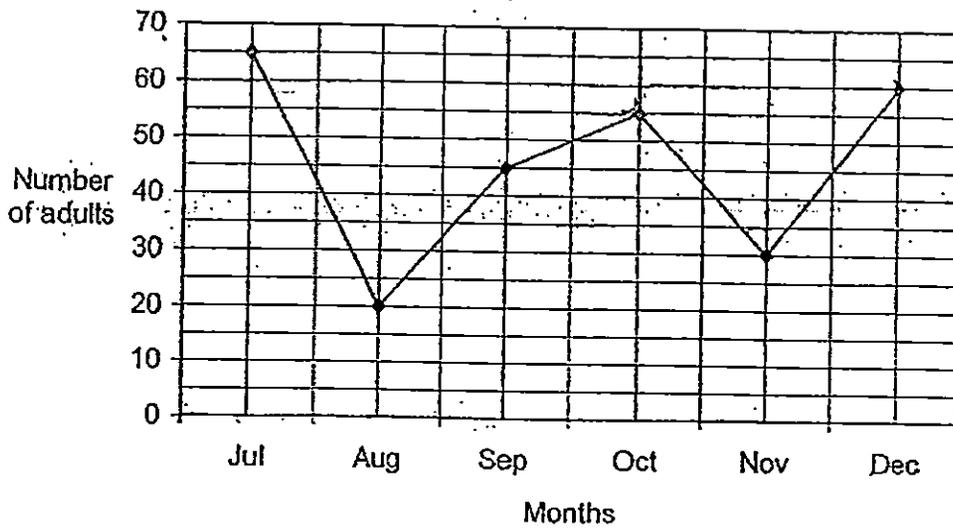
Do not write
in this space

Answer : (a) _____ [3]

(b) _____ [1]

33. The graph below shows the number of adults who passed the driving test in 6 months.

Do not write
in this space



- (a) Between which two months was the increase in the number of adults who passed the driving test the greatest?
- (b) 28 women passed the driving test in July.
How many men passed the driving test in July?
- (c) How many adults passed the driving test from September to November?

Answer : (a) _____ and _____ [1]

(b) _____ [1]

(c) _____ [2]

SCORE

34. Three jugs, A, B and C, contain a total of 73.2 l of water. Jug A contains 3.7 l of water more than Jug B. Jug B contains 2.8 l of water more than Jug C. What is the volume of water in Jug B?

Do not write
in this space

Answer : _____ [4]

SCORE

35. David bought 2 identical boxes of colour pencils and 5 identical notebooks for a total of \$45. A box of colour pencils cost \$13.50.

Do not write
in this space

- (a) Find the cost of the 2 boxes of colour pencils.
- (b) How much did David pay for each notebook?

Answer : (a) _____ [1]

(b) _____ [3]

SCORE

36. A carton packed with 1 packet of rice weighs 5.62 kg. The same carton when packed with 4 such packets of rice weighs 21.43 kg.

Do not write
in this space

- (a) Find the mass of 1 packet of rice in kg.
- (b) Find the mass of the empty carton in kg.

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

37. A shop had 30 violins and some guitars. During a sale, $\frac{1}{3}$ of the violins and $\frac{1}{5}$ of the guitars were sold. 64 guitars were left unsold.

Do not write
in this space

- (a) How many violins were sold?
- (b) How many violins and guitars were sold altogether?

Answer : (a) _____ [1]

(b) _____ [3]

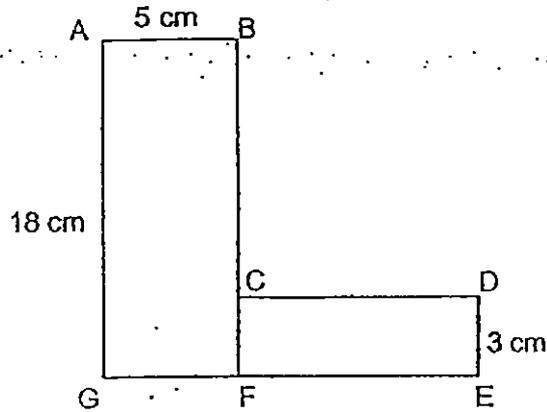
SCORE

38. The figure is made up of 2 rectangles. The area of the figure is 126 cm^2 .

Do not write
in this space

(a) What is the length BC?

(b) What is the area of rectangle CDEF?



Answer : (a) _____ [1]

(b) _____ [3]

39. Aloysius and Song Kai had a total of 174 cards at first. After Aloysius bought 23 more cards and Song Kai gave away 17 cards, Aloysius now has the same number of cards as Song Kai. How many cards did Aloysius have at first?

Do not write
in this space

Answer : _____ [4]

SCORE

40. Nai Ling created a number pattern as shown below.

Do not write
in this space

	Column P	Column Q	Column R	Column S	Column T
Row 3		34	35	36	37
Row 4	38	39	40	41	42
Row 5	43	44	45	46	47

- (a) What number can be found in Row 26, Column Q?
- (b) In which row will the number 284 be found?

Answer : (a) _____ [2]

(b) _____ [2]

End of Paper

EXAM PAPER 2015

SCHOOL : PEI CHUN

SUBJECT : P4 MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	3	2	2	1	4	1	4	3
Q11	Q12	Q13	Q14	Q15					
4	4	1	2	2					

16) 3000

17) $59\,998 + 100 = \underline{60098}$

18) 5 and 15

19) $4/16$ and $16/24$

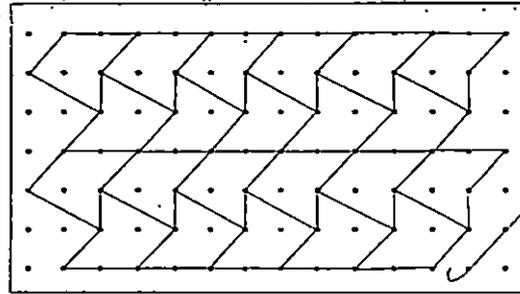
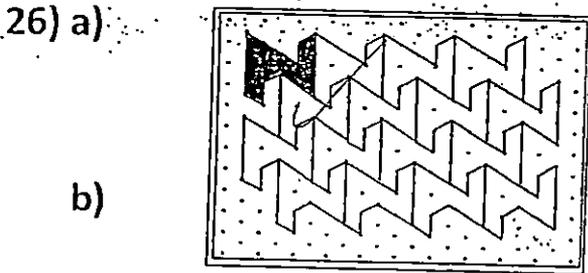
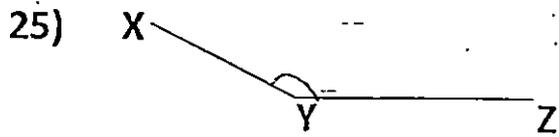
20) $1/2 - 3/10 = \underline{2/10}$

21) 0.48

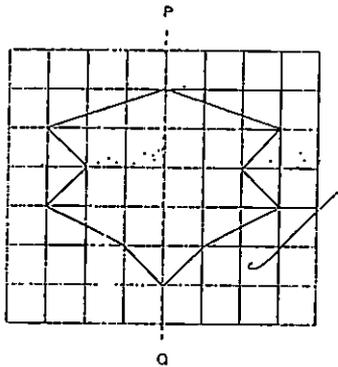
22) 0.016, 0.307, 0.826, 3.7

23) $3.78 \times 8 = \underline{29.92}$

24) $90 - 35 = \underline{55^\circ}$



27)



28) a) Wednesday

b) Thursday

29) a) 11 25

b) Wings of Asia

30) $\$440 \div 4 = 110$

$\$320 \div 4 = 80$

$110 - 80 = \underline{30}$

31) a) $5640 \div 6 = \underline{940}$

b) $543 \times 12 = \underline{\$6516}$

38) a) $18 - 3 = \underline{15}$

b) $126 - 90 = \underline{36}$

39) $174 + 23 = 197$

$197 - 17 = 180$

$180 \div 2 = 90$

$90 - 23 = \underline{67}$

40) a) $30 \times 5 = 150$

$150 - 1 = \underline{149}$

b) $284 + 1 = 285$

$285 \div 5 = 57$

$57 - 4 = \underline{53}$

32) a) $56 \div 8 = 7$

$7 \times 7 = \underline{49}$

b) $2/8 + 5/8 = 7/8$

$8/8 - 7/8 = \underline{1/8}$

33) a) Nov and Dec

b) $65 - 28 = \underline{37}$

c) $45 + 55 + 30 = \underline{130}$

34) $73.2 - 2.8 - 2.8 - 3.7 = 63.9$

$63.9 \div 3 = 21.3$

$21.3 + 2.8 = \underline{24.1}$

35) a) $13.50 \times 2 = \underline{27}$

b) $45 - 27 = 18$

$18 \div 5 = \underline{3.6}$

36) a) $15.81 \div 3 = \underline{5.27\text{kg}}$

b) $5.62 - 5.27 = \underline{0.35\text{kg}}$

37) a) $30 \div 3 = \underline{10}$

b) $64 \div 4 = 16$

$16 + 10 = \underline{26}$



PEI HWA PRESBYTERIAN PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2

PRIMARY 4
MATHEMATICS PAPER

27 OCT 2015

Name : _____

Form Class / Register No. : 4TW _____ / _____

Banded Class / Register No. : 4M _____ / _____

Total time: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

1. Write your Name, Class and Register No. in the spaces provided above.
2. DO NOT turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. For Section A, shade your answers on the Optical Answer Sheet (OAS) provided.
6. For Section B and C, write all your answers in this booklet
7. The use of calculator is **NOT ALLOWED**.

Total Marks :	100
---------------	-----

This booklet consists of 18 printed pages, excluding the cover page.

Section A: Multiple Choice Questions (20×2 = 40 marks)

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1 The value of the digit 4 in 75 481 is _____.

- (1) 40
- (2) 400
- (3) 4000
- (4) 40 000

()

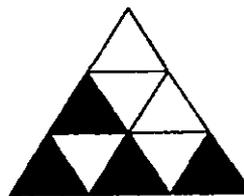
2 Which number below is 100 less than 7548?

- (1) 6548
- (2) 7448
- (3) 7538
- (4) 7648

()

3 The figure shown is made up of identical triangles. What fraction of the figure is shaded?

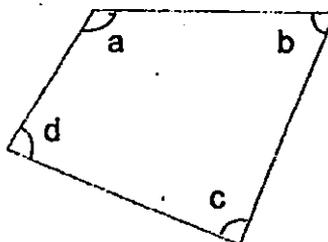
- (1) $\frac{4}{5}$
- (2) $\frac{4}{8}$
- (3) $\frac{4}{9}$
- (4) $\frac{5}{9}$



()

4 In the figure, which angle is greater than a right angle?

- (1) $\angle a$
- (2) $\angle b$
- (3) $\angle c$
- (4) $\angle d$



()

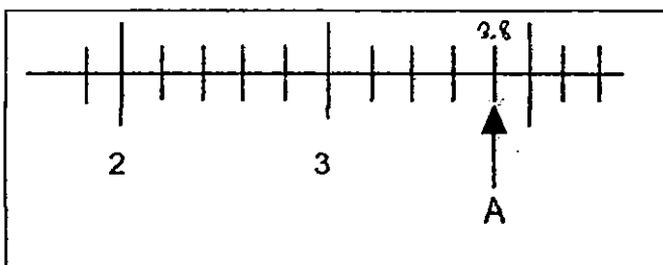
5 Express $\frac{47}{1000}$ as a decimal.

- (1) 0.047
- (2) 0.407
- (3) 0.47
- (4) 4.70

()

6 Which of the following mixed numbers is represented by the letter A in the number line shown?

- (1) $3\frac{1}{5}$
- (2) $3\frac{4}{5}$
- (3) $4\frac{1}{5}$
- (4) $4\frac{4}{5}$



()

7 Ronald packed 2300 drumsticks into boxes. If each box can only contain 8 drumsticks, what is the minimum number of boxes required?

- (1) 275
- (2) 276
- (3) 287
- (4) 288

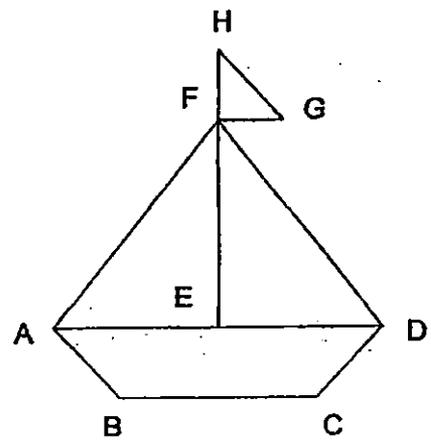
()

8 $\frac{5}{8}$ of a class are boys. There are 15 girls. How many boys are there?

- (1) 20
- (2) 24
- (3) 25
- (4) 40

()

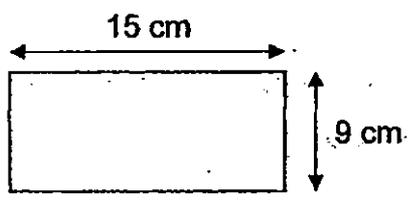
9 In the figure below, which lines are horizontal?



- (1) AB, DF, GH
- (2) AD and EH
- (3) AD, BC and FG
- (4) EF and FH

()

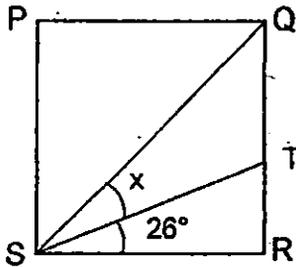
10 A wire is used to make a rectangle as shown below. If the same wire is used to make a square, what is the length of the square?



- (1) 6 cm
- (2) 12 cm
- (3) 24 cm
- (4) 48 cm

()

- 11 In the figure, PQRS is a square. $\angle TSR = 26^\circ$. Find angle $\angle x$.



- (1) 19°
- (2) 29°
- (3) 38°
- (4) 54°

()

- 12 Round off 75.836 to the nearest tenth.

- (1) 76
- (2) 75.8
- (3) 75.84
- (4) 80

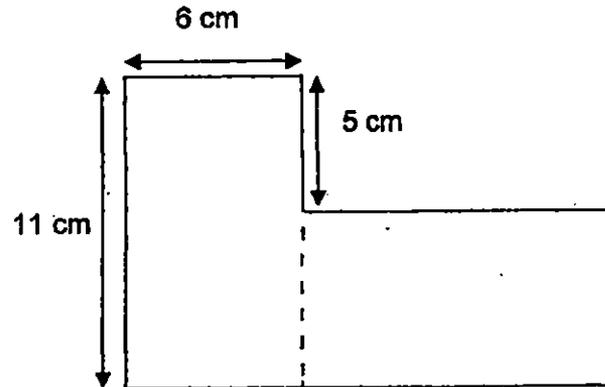
()

- 13 Shirley took the train at Lakeside station and reached City Hall station at 11.20 a.m. If her train journey took 33 minutes, what time did she board the train at Lakeside station?

- (1) 10.47 a.m.
- (2) 10.57 a.m.
- (3) 11.47 a.m.
- (4) 11.53 a.m.

()

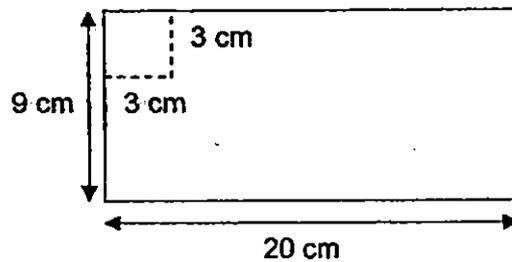
- 14 The figure below is made of 2 identical rectangles of 11 cm by 6 cm. Find the perimeter of the following figure.



- (1) 50 cm
- (2) 56 cm
- (3) 68 cm
- (4) 132 cm

()

- 15 Sean has a piece of rectangular cardboard 20 cm by 9 cm as shown below. How many squares can he cut out, if each square has sides of 3 cm?



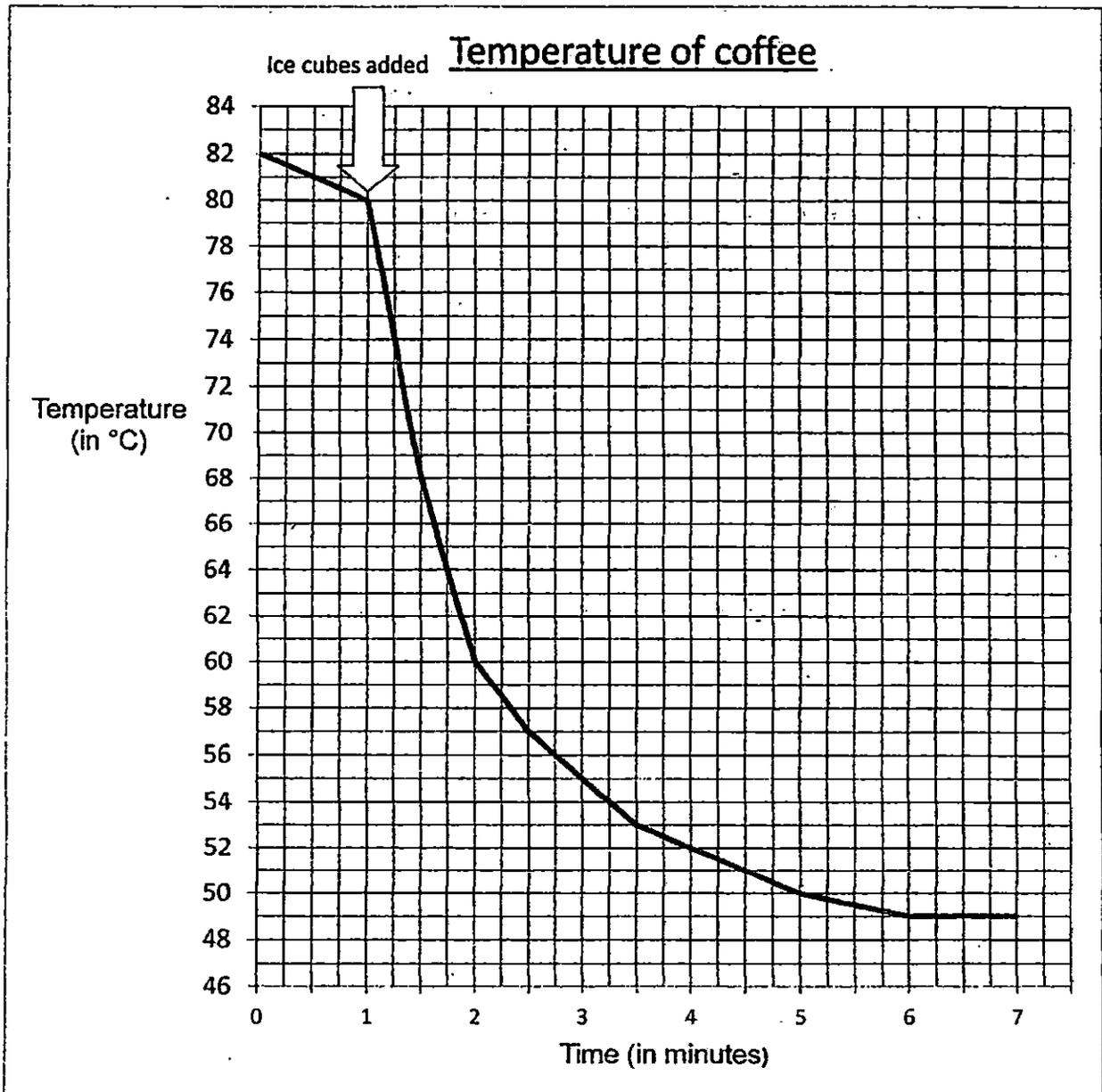
- (1) 18 squares
- (2) 20 squares
- (3) 21 squares
- (4) 60 squares

()

Use the information below to answer questions 16 and 17.

The line graph below shows the temperature of a cup of coffee over 7 minutes.

At the first minute, ice cubes were added to the coffee.



16 What was the temperature of the coffee after 2 minutes of adding ice cubes?

- (1) 54.5 °C
- (2) 55 °C
- (3) 60 °C
- (4) 80 °C

()

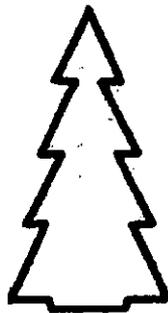
17 Between which one-minute interval did the temperature drop by 2°C only?

- (1) 2nd and 3rd minute
- (2) 3rd and 4th minute
- (3) 4th and 5th minute
- (4) 5th and 6th minute

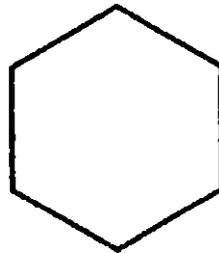
()

18 Which of the following shapes do not tessellate?

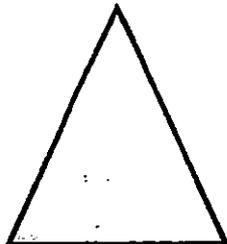
(1)



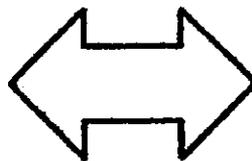
(2)



(3)

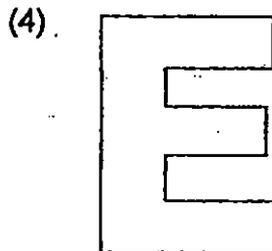
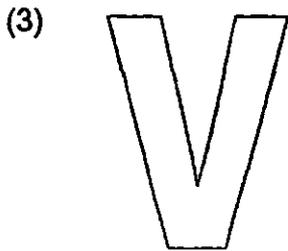
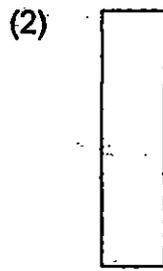
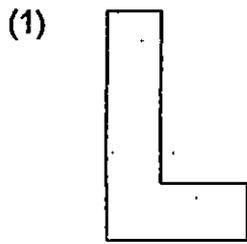


(4)



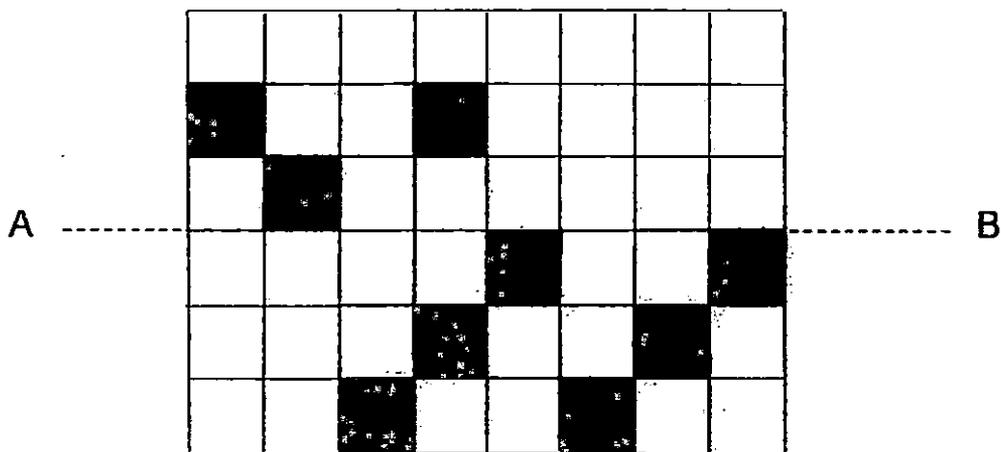
()

19 Which one of these letters has no line of symmetry?



()

20 How many more squares should be shaded so that the dotted line AB is the line of symmetry of the figure below?



- (1) 5
- (2) 6
- (3) 7
- (4) 8

()

Section B (20 × 2 = 40 marks)

Write your answers in the answer blanks provided.

For questions that require working, show your working clearly in the space provided.

21 Write twelve thousand and seventy-five in figures.

Ans: _____

22 Some factors of 100 are 1, 2, 4, 5, 20, 50 and 100.

What are the other 2 factors of 100?

Ans: _____ and _____

23 Find the value of $5628 \div 7$.

Ans: _____

24 $5\frac{1}{9} = \frac{\boxed{?}}{9}$

What is the missing number in the box?

Ans: _____

25 What is the value of $\frac{5}{8} + \frac{3}{4}$?

Express your answer as a mixed number.

Ans: _____

26 Arrange the following numbers in order from the greatest to the smallest.

0.065, 0.506, $\frac{3}{5}$

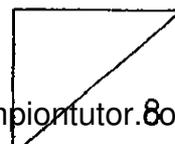
Ans: _____
(greatest) (smallest)

27 Find the value of 5.64×7 .

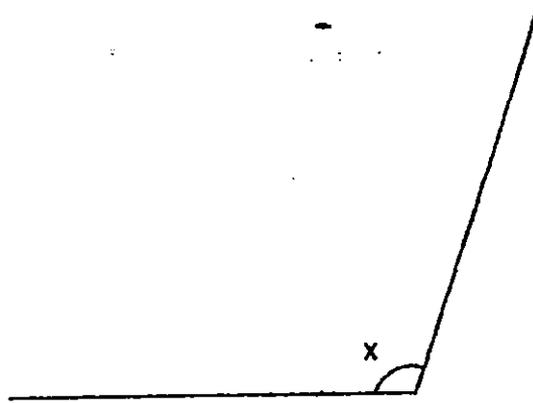
Ans: _____

28 Find the value of $6.16 - 1.43$.

Ans: _____

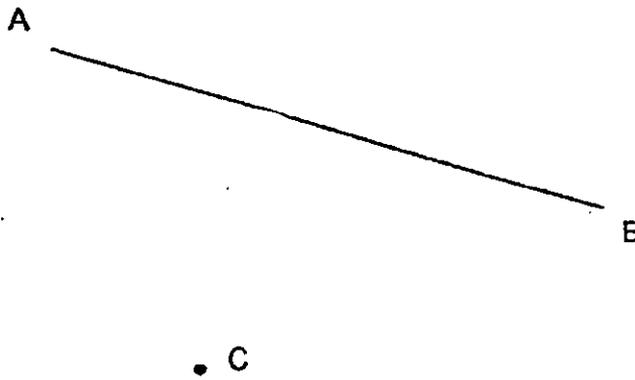


29 Measure and write down the size of $\angle x$.

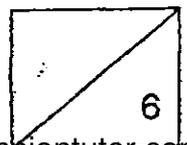
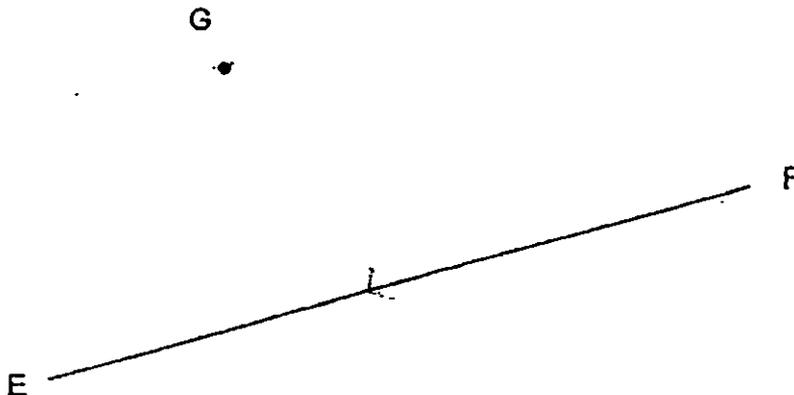


Ans: _____ °

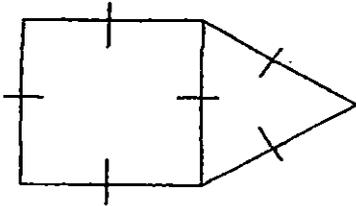
30 Draw and label line CD, perpendicular to line AB.



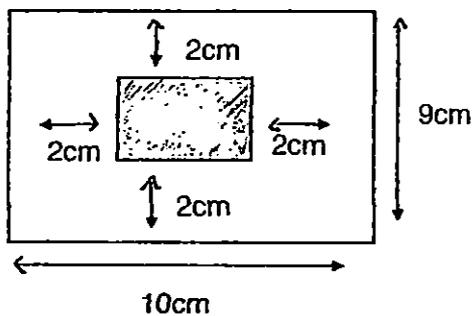
31 Draw and label a line 8 cm long, parallel to line EF through point G.



Q32. The figure below is made of a square and an equilateral triangle. If the area of the square is 64cm^2 find the perimeter of the figure.



Q33. The picture frame below has a wooden border of 2cm. Find the area of the border.



Q34. A rectangle has a perimeter of 2.4m. If its length is thrice as long as its breadth, Find the breadth of the rectangle.

35 Write the missing number in the number pattern below.

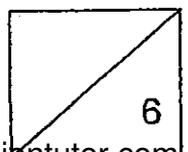
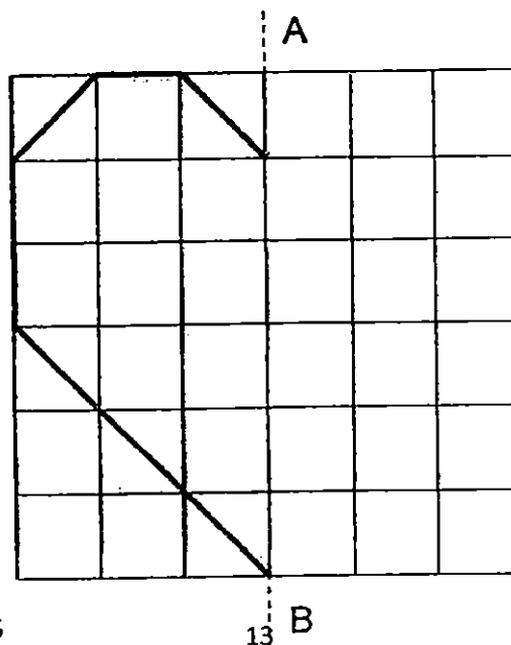
4, 9, 16, 25, 36, ?, ?, 81, 100, 121, 144

Ans: _____ and _____

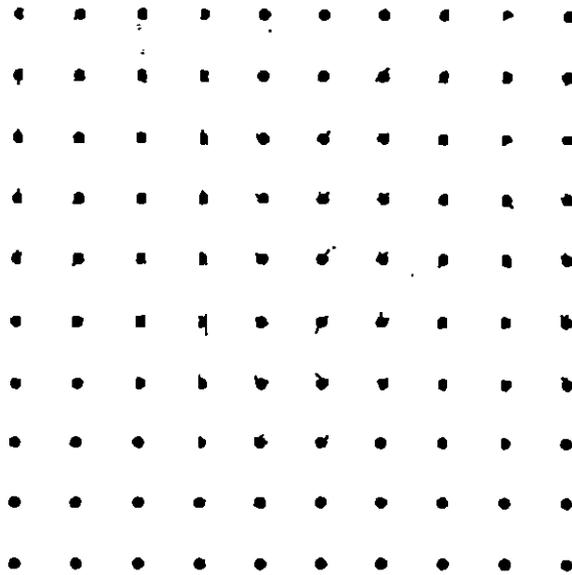
36 Razak started doing his homework at 08 15. He then spent the same amount of time reading. He finished reading at 09 55. How many minutes did he spend on his homework?

Ans: _____ min

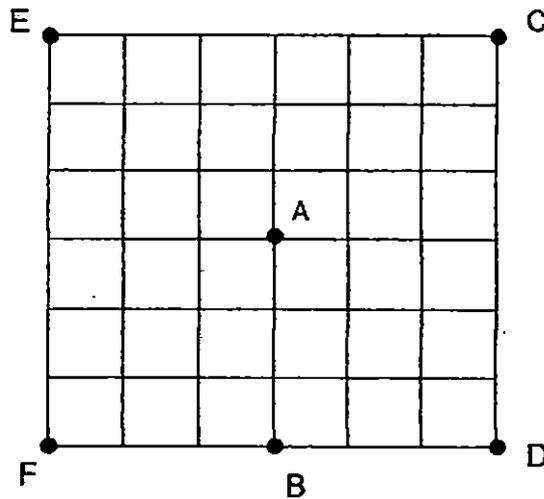
37 Complete the symmetric figure with line AB as the line of symmetry.



- 38 The pattern below shows part of a tessellation. Draw 2 more unit shapes to extend the tessellation in the space provided.



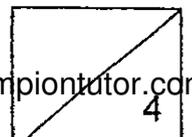
- 39 Refer to the square grid and fill in the blanks with A, B, C, D, E or F.



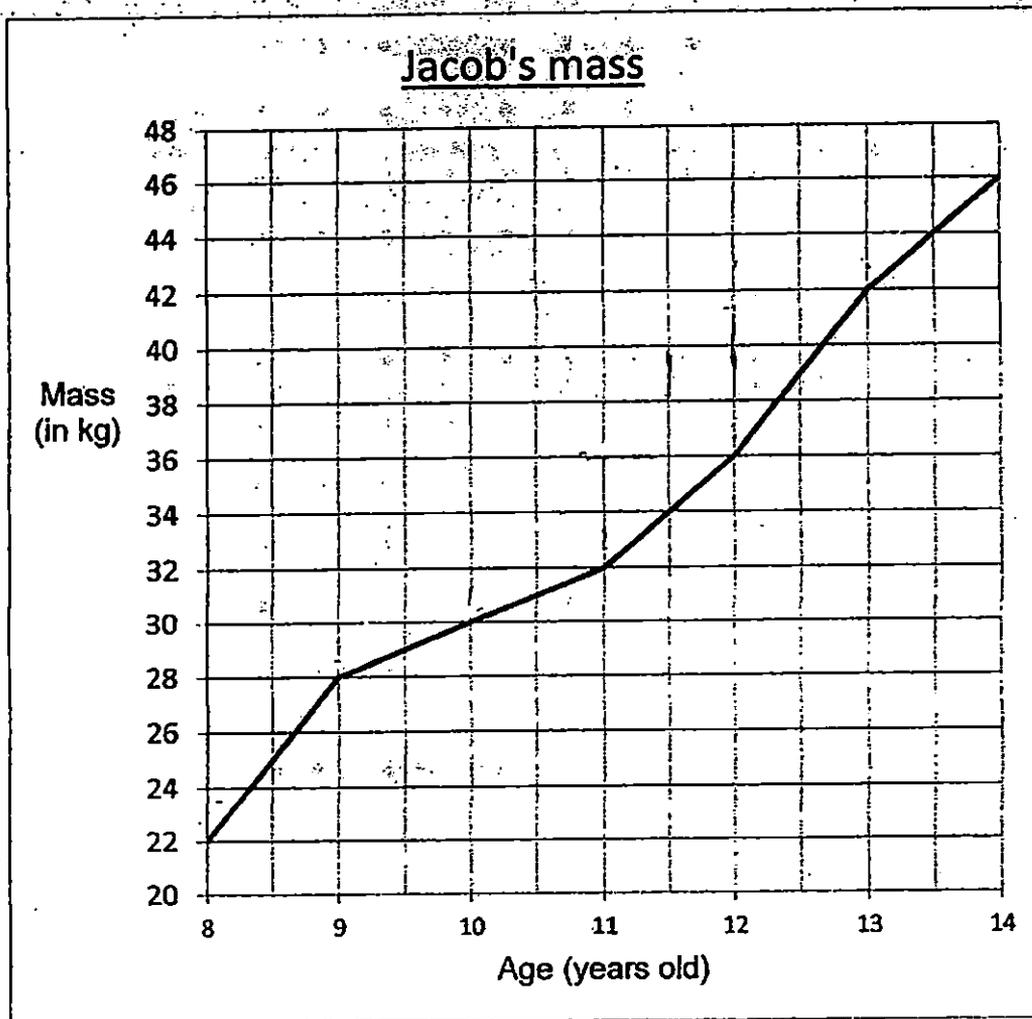
- a) Point A is north-west of Point ____.
 b) Point ____ is west of Point B.

Ans: a) _____

b) _____

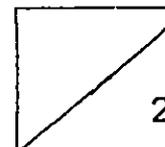


40 The line graph below shows Jacob's mass over a period of 6 years.



Use the line graph above to fill in the table below.

Age (years old)	8	9	10	11	12	13	14
Mass (in kg)	22		30	32		42	46



Section C (5 × 4 = 20 marks)

Solve each of the following problems. Show all your working and statements clearly. Write your answers in the spaces provided.

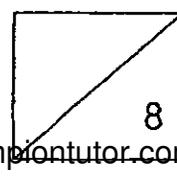
- 41 Alex had four times as many erasers as Bernard. If Alex gave 66 erasers to Bernard, they would have the same number of erasers. How many erasers did they have in all?

Working

Ans: _____

- 42 Auntie Bao has some apples. If she gives 8 apples to her children, she would have 3 extra. If she gives 9 apples to her children, she would be short of 2 apples. How many apples does she have?

Ans: _____



- 43 The table below shows the regular price and sale price of 3 items.

Working

Item	Regular Price	Sale Price
Soccer Ball	\$23	\$17
Tennis Racquet	\$48	\$34.95
Frisbee	\$12.50	\$7.95

During a sale, Jackson bought some soccer balls and 2 tennis racquets. If he saved \$44.10, how many soccer balls did he buy?

Ans: _____

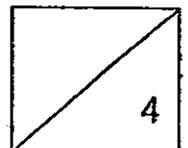
- 44 The mass of a packet of rice was 5 kg. Geraldine used 1.4 kg on the first week, 1.23 kg on the second week and some on the third week. If the mass of the packet of rice at the end of third week was 0.6 kg, how many kilograms of rice did she use on the third week?

- 45 At the bus interchange, a number of people boarded the bus. At the first stop, $\frac{1}{4}$ of the passengers got off and 3 people boarded the bus. At the second stop, $\frac{1}{3}$ of the passengers got off and 13 people boarded the bus. If there were 33 passengers left on the bus, how many people boarded the bus at the interchange?

Working

Ans: _____

- End of Paper -



EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : PEI HWA PRESBYTERIAN PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

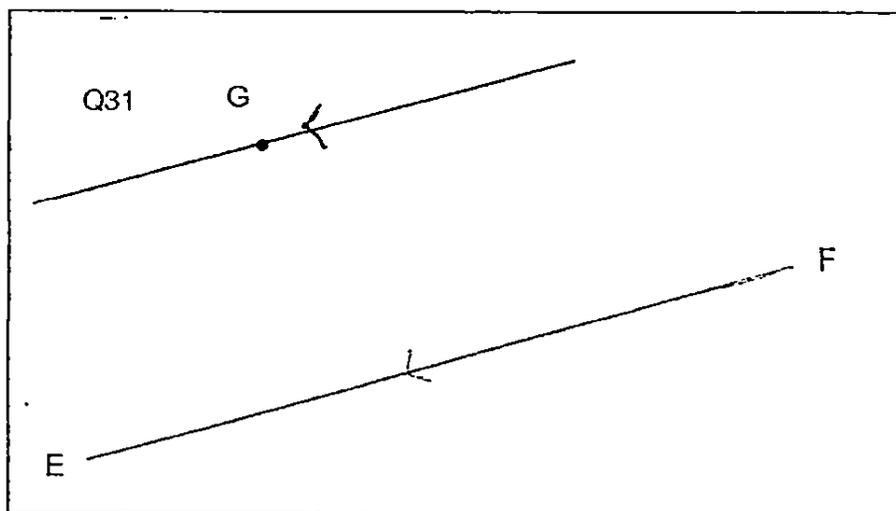
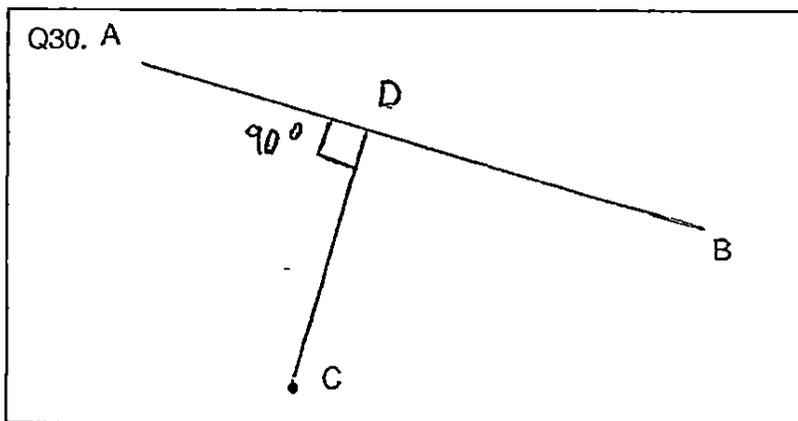
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	3	1	1	2	4	3	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	2	1	2	1	2	3	4	1	3

Q21. $120\overline{)15}$ Q22. 25 and 10 Q23. 804 Q24. 46

Q25. $1\frac{3}{8}$ Q26. $\frac{3}{5}$ (greatest), 0.506, 0.065 (smallest)

Q27. $39.48 \rightarrow 5.64 \times 7 = 39.48$

Q28. 4.73 Q29. 108° Q30. SEE PICTURE Q31. SEE PICTURE



Q32. $40\text{cm} \rightarrow 8 \times 5 = 40$

Q33. $60\text{cm}^2 \rightarrow 10 \times 9 = 90, 10-4=6, 9-4=5, 6 \times 5 = 30, 90-30=60$

Q34. $0.3\text{m} \rightarrow 8 \text{u } 2.4, 1 \text{u } 2.4 \div 8 = 0.3$

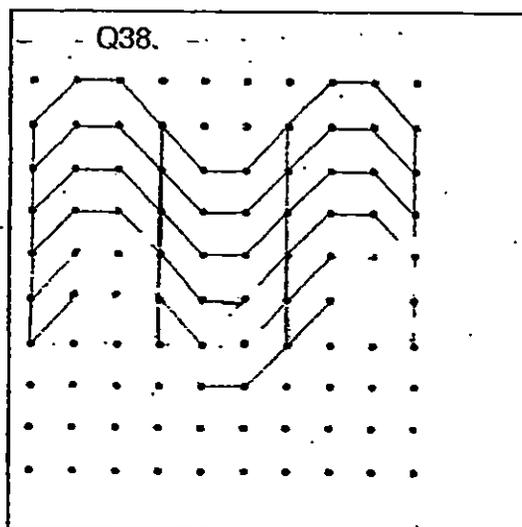
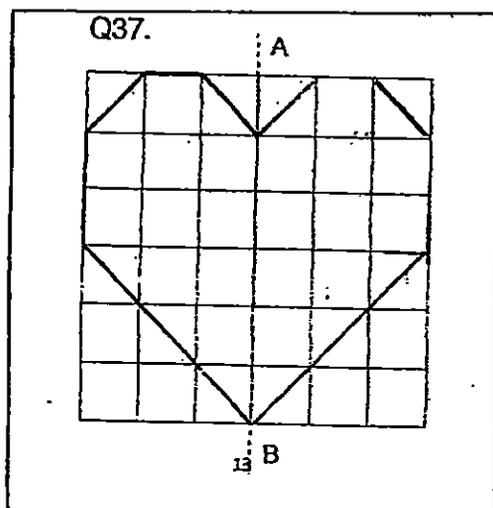
Q35. 49 and $64 \rightarrow 36 + 13 = 49, 49 + 15 = 64$

Q36. $50\text{min} \rightarrow 45\text{min} + 55\text{min} = 100\text{min}, 100 \div 2 = 50$

Q37. SEE PICTURE

Q38. SEE PICTURE

Q39a. D Q39b. F



Q40. $28 / 36$

Q41. 220 erasers $\rightarrow 3u \ 66, 1u \ 66 \div 3 = 22, 10u \ 22 \times 10 = 220$

Q42. 43 apples

Multiples of 8	8	16	24	32	40	48
Plus 3	11	19	27	35	43	51
Multiples of 9	9	18	27	36	45	54
Minus 2	7	16	25	34	43	52

Q43. 3 soccer balls

$34.95 \times 2 = 69.90$

$69.90 + 44.10 = 114$

$48 \times 2 = 96$

$114 - 96 = 18$

$18 \div 6 = 3$

Q44. $1.77\text{kg} \rightarrow 5 - 1.4 = 3.6 \rightarrow 3.60 - 1.23 = 2.37 \rightarrow 2.37 - 0.60 = 1.77$

Q45. 36 people $\rightarrow 33 - 13 = 20, 20 \div 2 = 10, 30 - 3 = 27, 27 \div 3 = 9, 9 \times 4 = 36$

THE END



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2 2015

Your
Score
Out of
100
marks

Parent's
Signature

Name : _____ ()

Banded Class: P4 _____

29th October 2015 MATHEMATICS Duration: 1 h 45 min

SECTION A (25 marks)

Question 1 to 5 carry 1 mark each. Question 6 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. All the diagrams are not drawn to scale.

Make your choice (1, 2, 3 or 4). Shade your answer (1, 2, 3 or 4) on the OAS provided.

1. In which of the following numbers does the digit 6 stand for 600?

(1) 6890

(2) 8906

(3) 8690

(4) 9860

2. $40\,000 + 2000 + 700 + 1 =$ _____

(1) 42 710

(2) 42 701

(3) 42 071

(4) 40 271

3. The area of a square is 144 cm^2 .
Find its length.

(1) 12 cm

(2) 24 cm

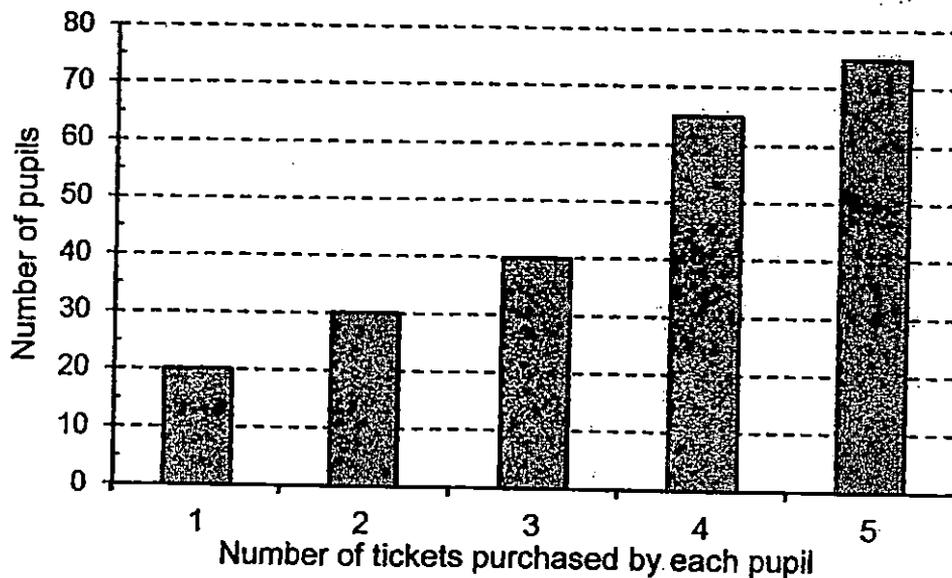
(3) 36 cm

(4) 72 cm

4. The opening hours of a shop are as shown below. How long is the shop open each day?

The Craft Shop
Open Daily
9.45 a.m to 4 p.m

- (1) 5 h 15 min
(2) 5 h 45 min
(3) 6 h 15 min
(4) 6 h 45 min
5. The following graph shows the number of concert tickets purchased by a group of pupils. Study the graph carefully and answer the question that follows.



What is the total number of pupils who purchased more than 3 tickets?

- (1) 40
(2) 50
(3) 140
(4) 180

6. Express $7\frac{3}{20}$ as a decimal.

(1) 7.32

(2) 7.3

(3) 7.15

(4) 7.015

7. Which of the following is an equivalent fraction of $\frac{1}{4}$?

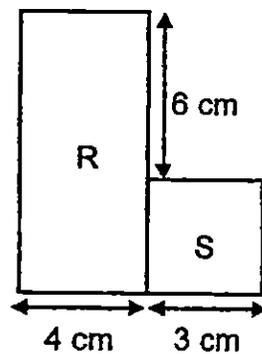
(1) $\frac{4}{12}$

(2) $\frac{6}{16}$

(3) $\frac{2}{8}$

(4) $\frac{3}{4}$

8. The figure shown is made up of a square S of side 3 cm and a rectangle R with breadth 4 cm. What is the length of the rectangle?



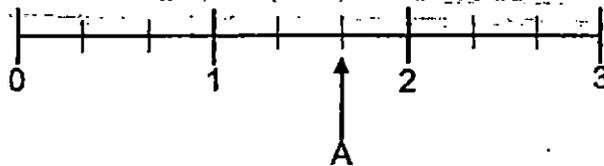
(1) 6 cm

(2) 7 cm

(3) 9 cm

(4) 10 cm

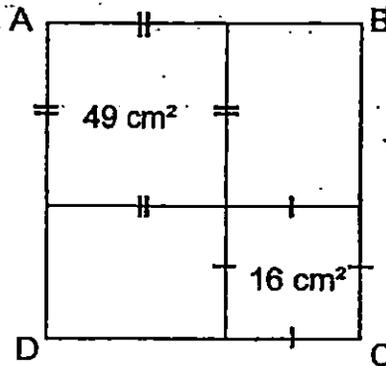
9. Which of the following mixed numbers is represented by letter A in the number line shown below?



- (1) $1\frac{1}{2}$
- (2) $1\frac{1}{3}$
- (3) $1\frac{2}{3}$
- (4) $1\frac{1}{4}$
10. What is the number when 100.63 is rounded off to 1 decimal place?
- (1) 100.0
- (2) 100.6
- (3) 100.7
- (4) 101.0
11. Which of the numbers below is 100 more than 4378?
- (1) 4379
- (2) 4388
- (3) 4478
- (4) 5378
12. Siti bought 2 cakes and 2 buns at \$6.80. Each cake cost \$0.40 more than each bun.
What was the cost of one bun?
- (1) \$1.50
- (2) \$1.60
- (3) \$3.00
- (4) \$3.40

13. ABCD is a square made up of 2 squares and 2 rectangles. The squares have an area of 49 cm^2 and 16 cm^2 respectively.

Find the area of ABCD:



- (1) 65 cm^2
 (2) 121 cm^2
 (3) 130 cm^2
 (4) 260 cm^2
14. The table below shows the number of canned drinks sold during a softball carnival over three days.

Day	Pepsi	Coke	Total
Monday	123	140	263
Tuesday	308	425	733
Wednesday	?	?	432

The number of Coke sold on Wednesday is three times the number of Pepsi, how many cans of Coke were sold on Wednesday?

- (1) 108
 (2) 144
 (3) 234
 (4) 324
15. Jane bought 8 identical packets of juice. After she had used 5 packets of juice, she had 3450 ml of juice left. How many litres of juice did she buy?
- (1) 0.69 l
 (2) 1.15 l
 (3) 8.40 l
 (4) 9.20 l

SECTION B (40 marks)

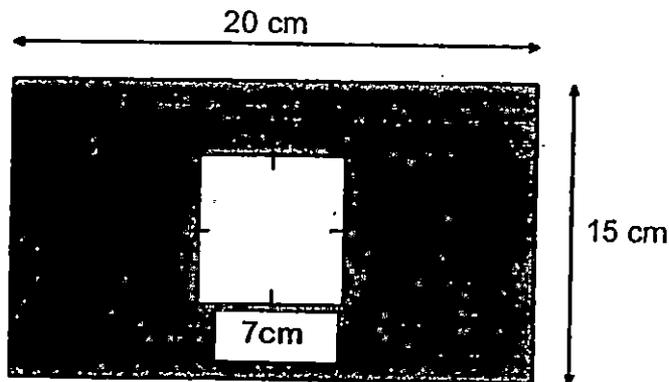
Question 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

16. Find the missing number in the number pattern below.

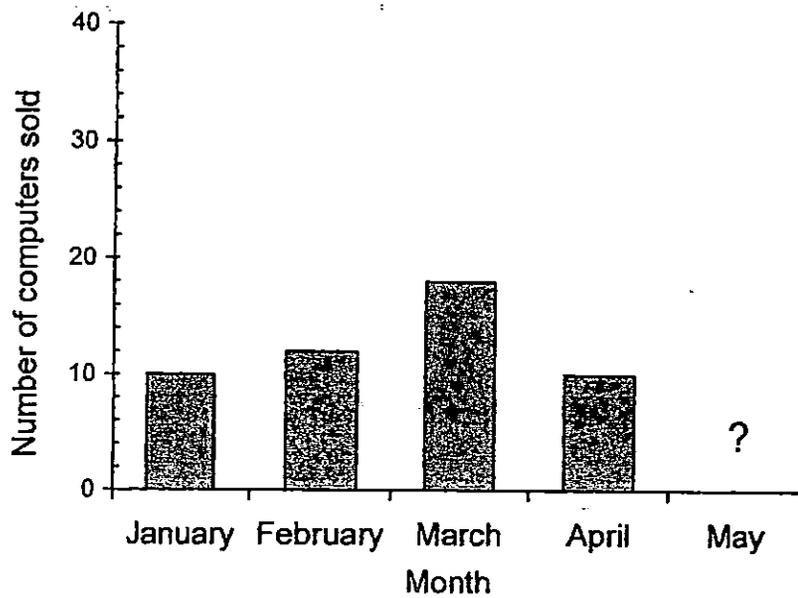
_____, 1045, 2045, 3045, 4045

Ans: _____

17. The figure below is made up of a rectangle and a square of side 7cm.
Find the area of the shaded part.



18. The graph below shows the number of computers sold from January to April. The number of computers sold in May is two times the number of computers sold in February.



How many computers were sold in May?

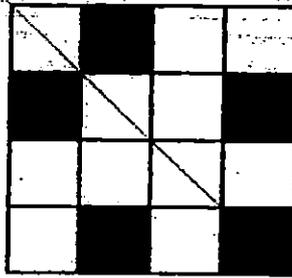
Ans: _____

19. $0.7 = \frac{7}{\square}$

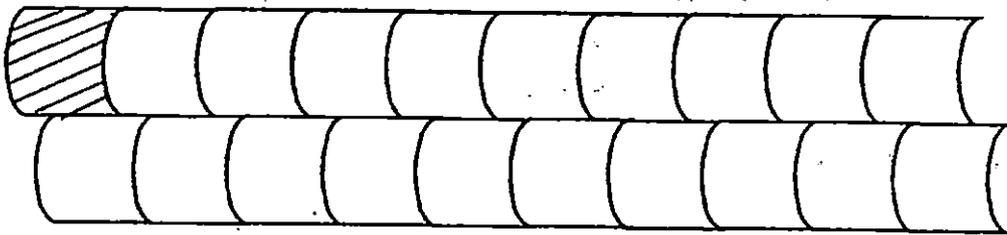
What is the missing number in the box?

Ans:

20. Draw the line of symmetry of the figure shown below.



21. Shade the unit shape of tessellation for the figure below



22. Which two of the fractions given below are bigger than $\frac{1}{2}$?

$$\frac{3}{9}, \frac{5}{8}, \frac{6}{12}, \frac{2}{3}$$

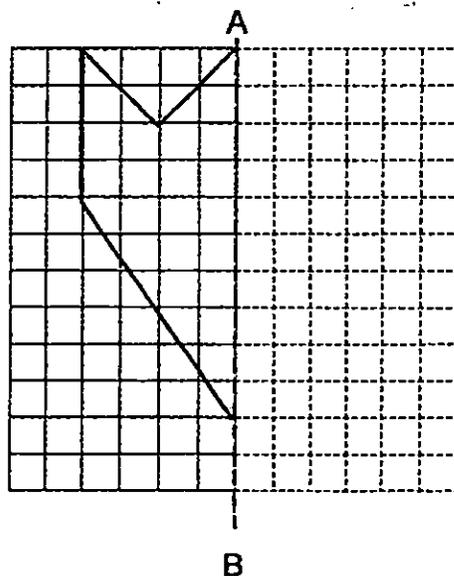
Ans: _____ and _____

23. Arrange the following numbers from the greatest to the smallest.

1.089, 0.31, 1.12, 0.032

Ans: _____, _____, _____, _____
Greatest Need a home tutor? Visit us at www.championtutor.com Smallest

24. Complete the symmetric figure shown below with AB as the line of symmetry on the square grid.



25. What is the value of $\frac{7}{8} + \frac{1}{4}$? Express your answer as a mixed number.

Ans: _____

26. Round off 24 537 to the nearest hundred.

Ans: _____

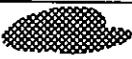
27. Some factors of 32 are 1, 2, 4 and 32. What are the other two factors of 32?

Ans: _____

28. Find the value of 4.63×7 .

Ans: _____

29. The table below shows the list of items in a P.E storeroom.
One of the numbers was covered by ink.

Type of Item	Number of Items
Basketball	28
Bean bag	32
Tennis Ball	

$\frac{1}{5}$ of the total number of items in the P.E. store room are tennis balls.

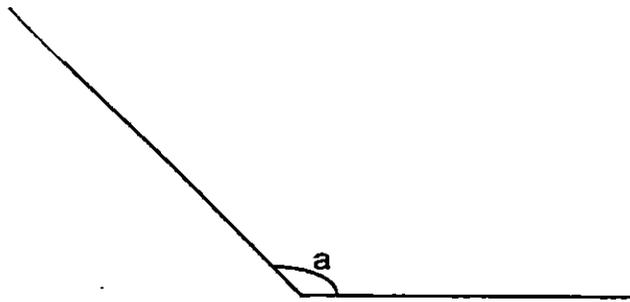
How many tennis balls are there?

Ans: _____

30. Sue drove from Singapore to Penang in 12 hours 17 minutes.
She reached Penang at 18 10 on Monday.
What time did Sue start driving from Singapore?
Express your answer in 24 hour clock.

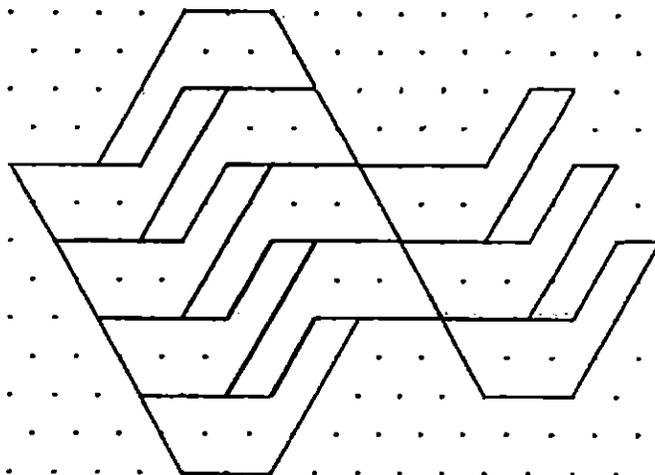
Ans: _____

31. Measure $\angle a$.



Ans: _____

- 32 Complete the tessellation below with 2 more units shape of tessellation.



33. 8 identical chairs weigh 8576 g.
What is the mass of 1 chair?
Give your answer in kg.

Ans: _____ kg

34. Both number X and number Y when rounded off to nearest hundreds are 1200 and 5500 respectively.
What is the smallest possible total for X and Y?

Ans: _____

35. Lucy spent \$30 on 6 slices of cakes and 5 bottles of drink. She paid \$18 for all the cakes.
Each bottle of drink was of the same price.

What was the cost of a bottle of drink?

Ans: \$ _____

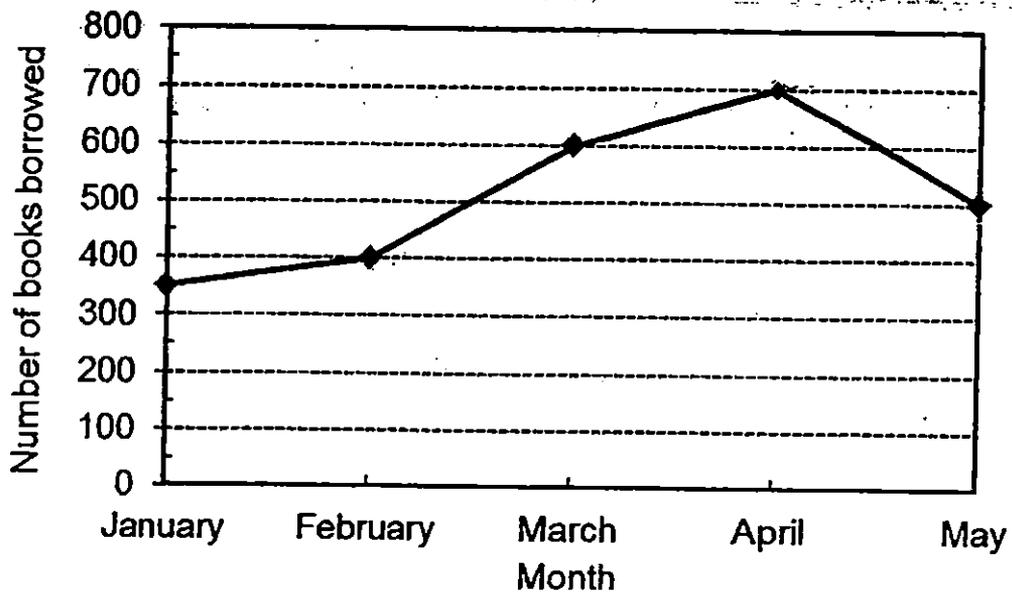
SECTION C (35 marks)

For question 36 to 44, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working. The number of marks available is shown in brackets [] at the end of each question or part-question.

36. Mr Lee bought some pens for his class of 40 pupils.
15 pupils received a total of 60 pens while the rest of the pupils received 3 pens each.
How many pens did Mr Lee buy?

Ans: _____ [3]

37. The line graph below shows the number of books borrowed from the library from January to May.



- a) Find the total number of books borrowed from January to May.
b) How many more books were borrowed in April than in January?

Ans: a) _____ [2]

b) _____ [1]

38. Josephine completed 4 jumps in the standing broad jump during NAPFA test. The total distance covered in her jumps was 394.8 cm. The distances covered for her first and second jumps were 97.7 cm and 98.9 cm. The distances covered for her third and fourth jumps were the same. What was the distance covered for the fourth jump?

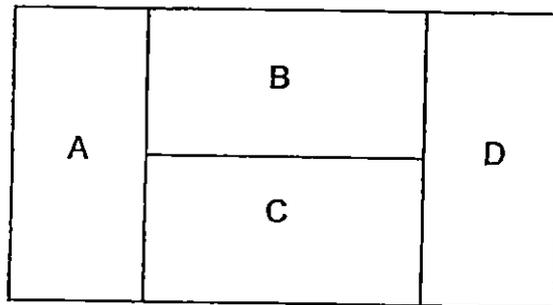
Ans: _____ [4]

39 The figure below is made up of 4 identical rectangles, A, B, C and D.

The perimeter of rectangle A is 72 cm.

(a) What is the breadth of rectangle B?

(b) Find the area of rectangle C.



Ans a) _____ [2]

b) _____ [2]

40. Ming Huat had 255 watermelons and 240 oranges at first. He used $\frac{3}{5}$ of the watermelons and $\frac{3}{4}$ of the oranges. He then bought some more oranges. In the end, $\frac{1}{8}$ of the fruits he had left were watermelons. How many oranges did he buy?

Ans: _____ [4]

41. Study the pattern below. Each figure is made up of identical squares.

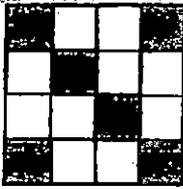


Figure 1

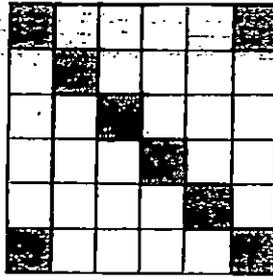


Figure 2

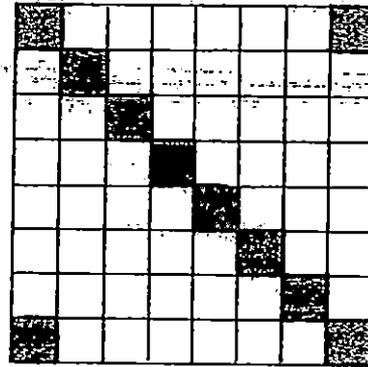


Figure 3

(a) What fraction of Figure 1 is shaded?

Express your answer in the simplest form.

(b) What is the number of shaded squares in Figure 4?

(c) What is the number of unshaded squares in Figure 8?

(a) _____ [1]

(b) _____ [1]

(c) _____ [3]

42. Chloe had \$150 more than Ann.
After Ann gave \$135 to Chloe, Chloe had 8 times as much money as Ann.
How much money did Chloe have at first?

Ans: _____ [4]

43. A container filled with 4 identical marbles weighs 1700g.
The same container when filled with 2 identical balls weighs 500g.
The mass of each marble is two times the mass of each ball.
What is the mass of the container?

Ans: _____ [4]

44. Da Hua Primary School took part in an inter-school games carnival and collected 116 medals altogether in 4 days.

On the second day, the school collected 6 more medals than the first day.

On the next two days, the school collected 6 more medals each day than the previous day.

How many medals did the school collect on the first day?

Ans: _____ [4]

-End of Paper-

Please check your work carefully ☺

Setters: Mr. Johnson Ong
Mrs. Bell

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	1	3	3	3	3	3	3	2
Q11	Q12	Q13	Q14	Q15					
3	1	2	4	4					

Q16. $45 \rightarrow 1045 - 1000 = 45$

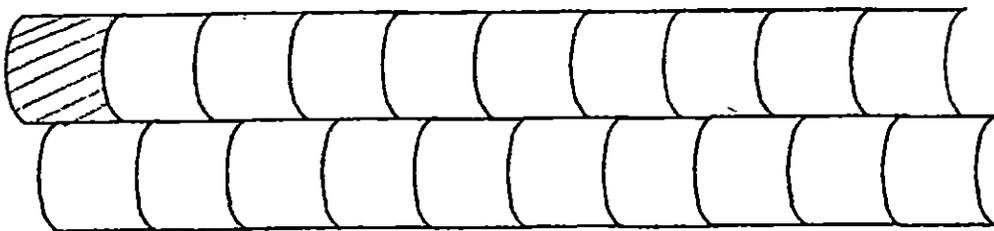
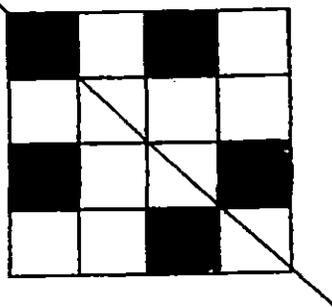
Q17. $251 \rightarrow 20 \times 15 = 300, 7 \times 7 = 49, 300 - 49 = 25$

Q18. $24 \rightarrow 12 \times 2 = 24$

Q19. 10

Q20. SEE PICTURE

Q21. SEE PICTURE



Q22. $\frac{5}{8}$ and $\frac{2}{3}$

Q23. 1.12 (greatest), 1,089, 0.31, 0.032

Q39a. $12\text{cm} \rightarrow 72 \div 2 = 36, 36 \div 3 = 12$

Q39b. $288\text{cm}^2 \rightarrow 12 \times 2 = 24, 24 \times 12 = 288$

Q40. 654

W left $\rightarrow 255 \times \frac{2}{5} = 102$

Or left $\rightarrow 60$

$\frac{1}{8} \rightarrow 102, 102 \times 8 = 816, 102 + 60 = 162, 816 - 162 = 654$

Q41a. $\frac{3}{8}$

Q41b. $12 \rightarrow n \times 2 + 4, 4 \times 2 = 8, 8 + 4 = 12$

Q41c. $304 \rightarrow 18 \times 18 = 324, 8 \times 2 = 16, 16 + 4 = 20, 324 - 20 = 304$

Q42. \$345

$135 + 150 + 135 = 420$

$7u \rightarrow 420, 1u \rightarrow 420 \div 7 = 60, 60 + 420 = 480, 480 - 135 = 345$

Q43. 100g

$1700 - X = 4m, 1700 - x = 8b, 8b - 2b = 6b$

$1700 - 500 = 1200$

$1200 \rightarrow 6b$

$1b \rightarrow 1200 \div 6 = 200$

$200 \times 2 = 400$

$500 - 400 = 100$

Q44. 20

1st day $\rightarrow x, 2^{\text{nd}}$ day $\rightarrow x+6$

3rd day $\rightarrow x+12, 4^{\text{th}}$ day $\rightarrow x+18$

$4x + 36 = 116$

$116 - 36 = 80$

$4x \rightarrow 80, x \rightarrow 80 \div 4 = 20$



RED SWASTIKA SCHOOL

2015 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Name : _____ ()

Class : Primary 4 / _____

Date : 30 Oct 2015

BOOKLET A

20 Questions

40 Marks

Duration of Paper : 1 hour 45 minutes

Note:

1. Do not open this Booklet until you are told to do so.
2. Read carefully the instructions given at the beginning of each part of the Booklet.
3. Do not waste time. If a question is difficult for you, go on to the next one.
4. Check your answers thoroughly and make sure you attempt every question.
5. In this booklet, you should have the following:
 - (a) Page 1 to Page 6
 - (b) Questions 1 to 20

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(40 marks)

1 44 thousands and 5 tens is the same as _____.

- (1) 445
- (2) 4 450
- (3) 44 005
- (4) 44 050

2 Which of the following is a multiple of 9?

- (1) 36
- (2) 28
- (3) 3
- (4) 19

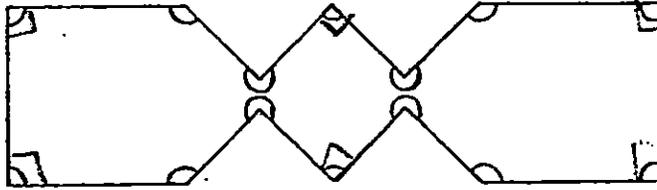
3 Which of the following is not an equivalent fraction of $\frac{1}{4}$?

- (1) $\frac{2}{8}$
- (2) $\frac{3}{12}$
- (3) $\frac{5}{15}$
- (4) $\frac{6}{24}$

4 $\frac{1}{6} + \frac{1}{12} =$ _____

- (1) $\frac{1}{72}$
- (2) $\frac{2}{6}$
- (3) $\frac{2}{18}$
- (4) $\frac{3}{12}$

5 In the figure below, how many of the marked angles are right angles?



- (1) 14
- (2) 10
- (3) 6
- (4) 4

6 In which of the following numbers does the digit 3 stand for 3 tenths?

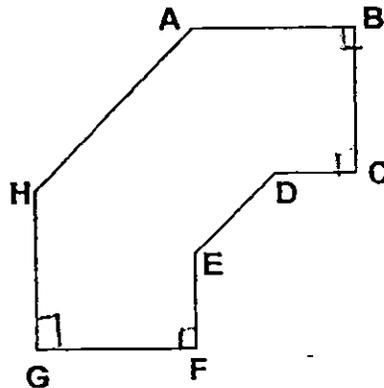
- (1) 14.36
- (2) 23.54
- (3) 31.78
- (4) 45.23

7 Round off 74 949 to the nearest hundred.

- (1) 74 900
- (2) 74 940
- (3) 74 950
- (4) 75 000

8 In the figure below, how many pairs of perpendicular lines are there?

- (1) 8
- (2) 2
- (3) 3
- (4) 4

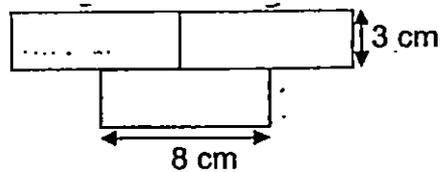


9 The perimeter of a rectangle is 96 cm. The length is twice its breadth. What is the length of the rectangle?

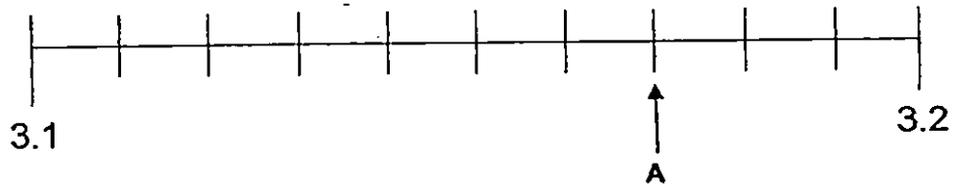
- (1) 16 cm
- (2) 24 cm
- (3) 32 cm
- (4) 64 cm

10 The figure below is made up of 3 identical rectangles. The length of the rectangle is 8 cm and its breadth is 3 cm. What is the perimeter of the figure?

- (1) 22 cm
- (2) 44 cm
- (3) 66 cm
- (4) 72 cm



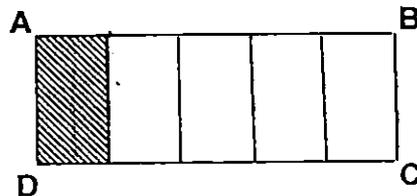
11 Which of the following decimals is represented by the letter A?



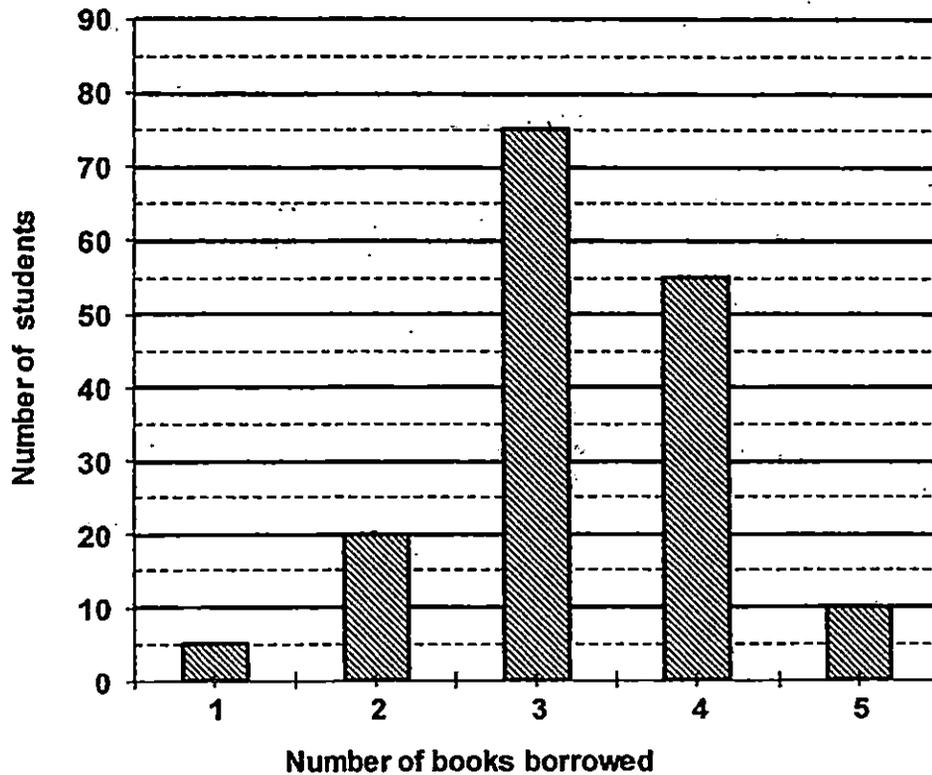
- (1) 0.7
- (2) 3.07
- (3) 3.17
- (4) 3.7

12 The figure below shows a shaded rectangle in Figure ABCD. How many more rectangles must be shaded to show 0.6 of Figure ABCD being shaded?

- (1) 1
- (2) 2
- (3) 3
- (4) 4



The bar graph below shows the number of students who borrowed books from the school library. Study the graph carefully and answer Question 13.



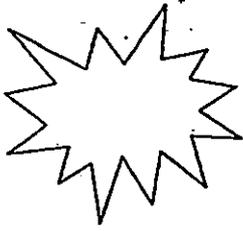
13 How many students borrowed more than 3 books?

- (1) 25
- (2) 65
- (3) 75
- (4) 140

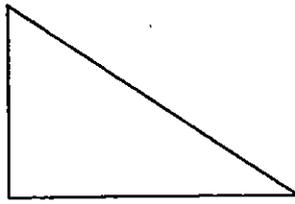
14 Mrs Goh went to a party with her friends. She left the house at 7.55 p.m. and returned home at 12.05 a.m. How long was she out that night?

- (1) 4 h 0 min
- (2) 4 h 5 min
- (3) 4 h 10 min
- (4) 4 h 50 min

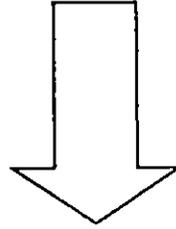
15 Which one of the following figures has a line of symmetry?



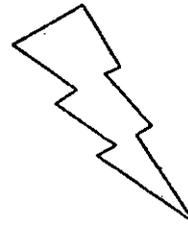
A



B



C



D

- (1) A
- (2) B
- (3) C
- (4) D

16 Mrs Pang's present age is a multiple of 4. Three years later, her age will be a multiple of 7. How old is Mrs Pang now?

- (1) 32
- (2) 35
- (3) 40
- (4) 42

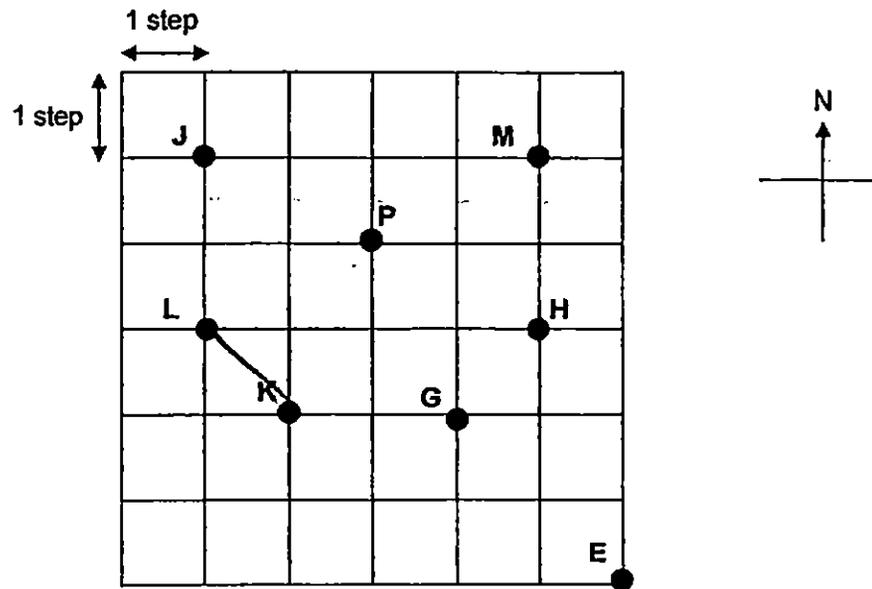
17 The mass of 5 similar crates of pineapples and 3 similar crates of mangosteens is 98 kg. The mass of 2 similar crates of pineapples and 3 similar crates of mangosteens is 59 kg. Find the mass of 3 such crates of mangosteens.

- (1) 13 kg
- (2) 26 kg
- (3) 33 kg
- (4) 39 kg

18 Jolene celebrated her birthday on Saturday at 18 45. Zoe celebrated her birthday 22 h earlier. On what day and at what time did Zoe celebrate her birthday?

- (1) Friday, 19 45
- (2) Friday, 20 45
- (3) Sunday, 16 45
- (4) Sunday, 17 45

Study the diagram below carefully and use it to answer Questions 19 and 20.



19 Point L is _____ of Point K.

- (1) north-east
- (2) north-west
- (3) south-east
- (4) south-west

20 Eugene was at a certain position. He walked as instructed below and ended up at Point P.

Move	Direction
1 st	3 steps to the south
2 nd	2 steps to the east
3 rd	2 steps to the north

Where was his starting position?

- (1) Point H
- (2) Point J.
- (3) Point L
- (4) Point M



RED SWASTIKA SCHOOL

2015 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Name : _____ . ()

Class : Primary 4 / _____

Date : 30 Oct 2015

BOOKLET B

28 Questions

60 Marks

In this booklet, you should have the following:

(a) Page 7 to Page 15

(b) Questions 21 to 48

MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

Parent's Signature : _____

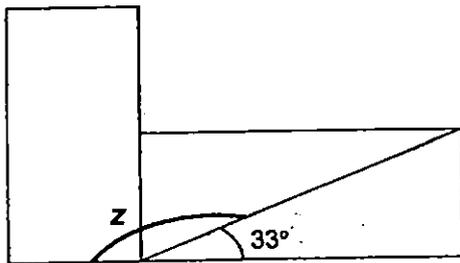
Questions 21 to 30 carry 1 mark each. Questions 31 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(30 marks)

- 21 When a number is divided by 7, the quotient is 145 and the remainder is 6. What is the number?

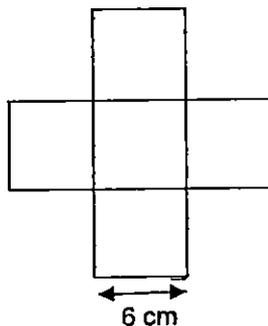
Ans: _____

- 22 The figure below is made up of 2 rectangles. Find $\angle z$.

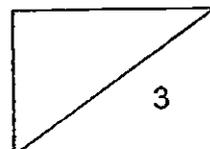


Ans: _____ °

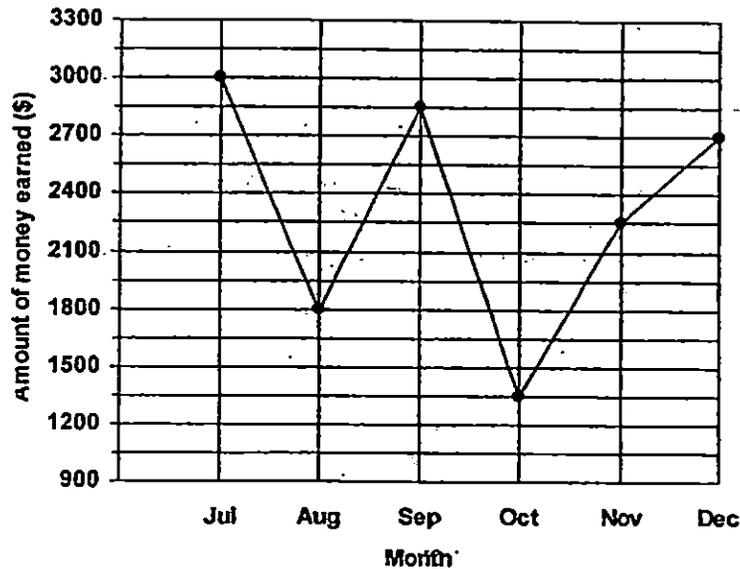
- 23 The figure below is made up of 5 identical squares of side 6 cm. Find the area of the figure.



Ans: _____ cm^2



The line graph below shows the amount of money Mr Ang earned from selling stationery from July to December. Study the graph carefully and use it to answer Questions 24 to 27.



24 What was Mr Ang's earnings for the month of September?

Ans: \$ _____

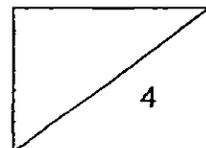
25 What was the difference in Mr Ang's earnings for July and November?

Ans: \$ _____

26 Mr Ang earned 2 times as much in one particular month than in another month. Which were the two months?

Ans: _____ and _____

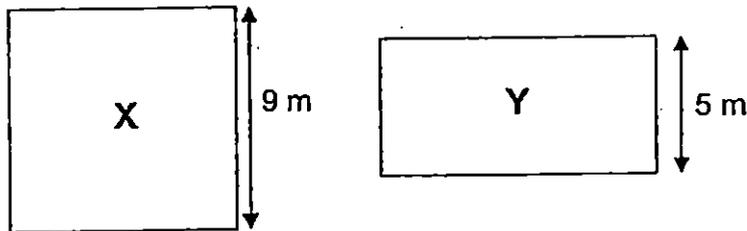
27 Mr Ang earned a total of \$15 000 for the 7 months from June to December. How much did he earn for the month of June?



- 28 A tour coach left Singapore and arrived at Malacca at 00 25. The trip took 3 h 35 min. What time did the tour coach leave Singapore?

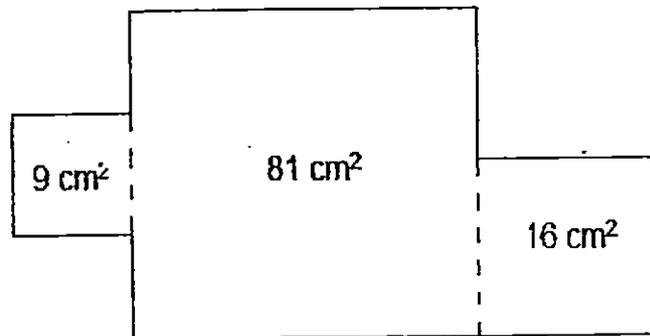
Ans: _____

- 29 The figures below show Square X and Rectangle Y. The length of Square X is 9 m and the breadth of Rectangle Y is 5 m. If both Square X and Rectangle Y have the same perimeter, find the area of Rectangle Y.

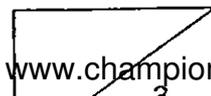


Ans: _____ m²

- 30 The figure below is made up of 3 squares. A piece of wire is used to construct the outline of the figure. What is the length of the wire used?



_____ cm



31 Write eleven thousand and ninety-two in figures.

Ans: _____

32 Write the missing number in the number pattern below.

4 549 4 699 , 4849 , _____ , 5 149

Ans: _____

33 Two factors of 6 are 1 and 6. What are the other two factors of 6?

Ans: _____ and _____

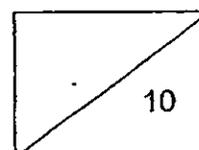
34 Arrange the following fractions from the smallest to the greatest.

$\frac{4}{5}$, $\frac{4}{10}$, $\frac{9}{10}$

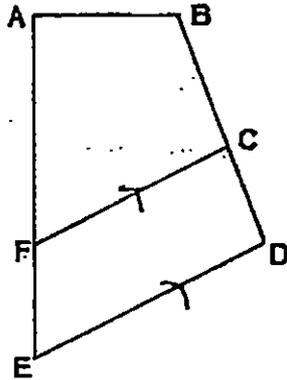
Ans: _____ , _____ , _____
(smallest) (greatest)

35 Find the value of $1 - \frac{1}{8} - \frac{1}{4}$

Ans: _____



- 36 In the figure, one of the lines is parallel to CF. Which line is parallel to CF?



Ans: _____

- 37 $0.4 = \frac{4}{\boxed{?}}$ What is the missing number in the box?

Ans: _____

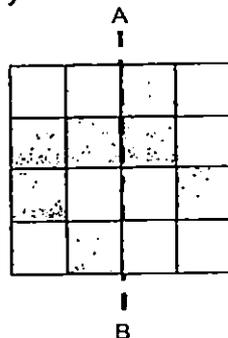
- 38 $8.37 - 6.59 =$ _____

Ans: _____

- 39 Find the value of 7.83×6 .

Ans: _____

- 40 Shade three more squares to complete the figure which has AB as a line of symmetry.



Questions 41 to 48 carry 3 or 4 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. (30 marks)

- 41 The table below shows the amount of money collected by Braydon and Daryl with missing information.

Name	\$1 coins	\$2 notes	Total Amount
Braydon	59 coins	?	\$ 129
Daryl	67 coins	55 pieces	?

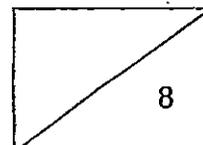
- (a) How much money did Daryl have?
(b) How many \$2 notes did Braydon have?

Ans: (a) _____ [2]

Ans: (b) _____ [2]

- 42 At the supermarket, apples were sold at 3 for \$4.55 and pears were sold at 5 for \$3.95. What was the total amount of money that Mrs Chua had to pay if she bought 15 such apples and 10 such pears?

Ans: _____ [4]

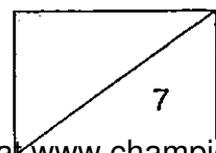


- 43 A sack contained 15.5 kg of flour. Mr Lee used 9.98 kg of flour and packed the remaining flour equally into 8 bags. What was the mass of flour in each bag? Round off your answer to 1 decimal place.

Ans: _____ [4]

- 44 Felicia had some beads. She used $\frac{2}{3}$ of her beads to make a necklace. She then used $\frac{1}{6}$ of her beads to make a bracelet. If she used 27 more beads to make the necklace than the bracelet, how many beads did she have at first?

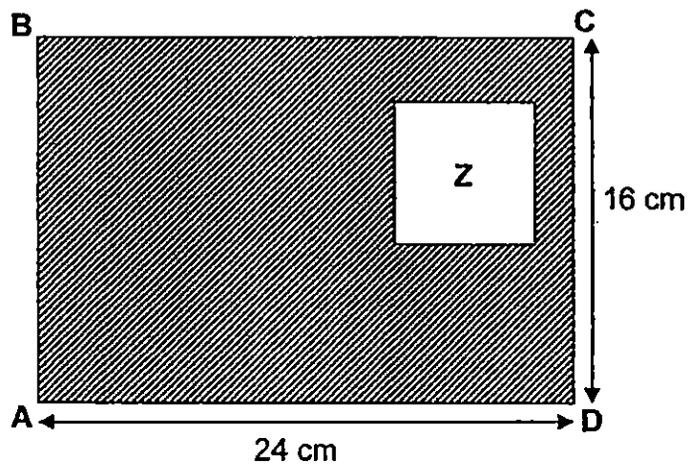
Ans: _____ [3]



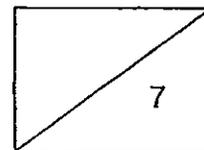
- 45 In a farm, $\frac{1}{4}$ of the animals were cows. The number of cows was equal to the number of chickens. The rest of the animals were goats. If there were 40 goats. how many animals were there in the farm altogether?

Ans: _____ [4]

- 46 In the figure below, ABCD is a rectangle. AD is 24 cm and CD is 16 cm. The area of the shaded part is 335 cm^2 . What is the length of Square Z?



Ans: _____ [3]



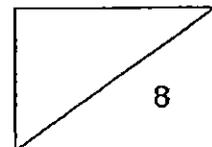
- 47 Mrs Tan and Mrs Lee had the same amount of money. After Mrs Tan bought 5 kg of seafood, she had \$72 left. Mrs Lee needed \$18 more to buy 8 kg of similar seafood. How much money does Mrs Lee have at first?

Ans: _____ [4]

- 48 The price of a magazine was \$4. During the SG50 promotion, every customer who bought 2 magazines was entitled to an additional magazine for free. What was the least amount of money Soo Lin had to pay for 442 magazines?

Ans: _____ [4]

End of Paper



EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : RED SWASTIKA SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	1	3	4	3	1	1	4	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	2	2	3	3	1	3	2	2	2

Q21. 1021

Q22. 147°

Q23. $180\text{cm}^2 \rightarrow$ A of I S $6 \times 6 = 36$, A of 5 S $36 \times 5 = 180$

Q24. \$2850

Q25. \$750 $\rightarrow 3000 - 2250 = 750$

Q26. July and December $\rightarrow 1350 \times 2 = 2700$

Q27. 1050 $\rightarrow 3000 + 1800 + 2850 + 1350 + 2250 + 2700 = 13950$, $1500 - 13950 = 1050$

Q28. 2050

Q29. $65\text{m}^2 \rightarrow 9 \times 4 = 36$, $5 + 5 = 10$, $36 - 10 = 26$, $26 \div 2 = 13$, A of Y = $13 \times 5 = 65$

Q30. $50\text{cm} \rightarrow 12 + 15 + 18 = 50$

Q31. 11092

Q32. 4999

Q33. 2 and 3

Q34. $\frac{4}{10}$ (smallest), $\frac{4}{5}$, $\frac{9}{10}$ (greatest)

Q35. $\frac{5}{8} \rightarrow \frac{8}{8} - \frac{1}{8} - \frac{2}{8} = \frac{5}{8}$

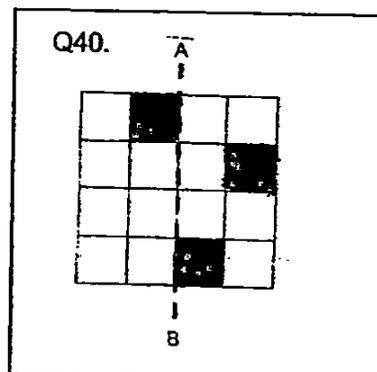
Q36. DE

Q37. 10

Q38. 1.78

Q39. 46.98

Q40. SEE PICTURE



Q41a. \$177 $\rightarrow 67 \times 1 = 67, 55 \times 2 = 110, 110 + 67 = 177$

Q41b. 35 $\rightarrow 59 \times 1 = 59$, difference $129 - 59 = 70$, pieces $70 \div 2 = 35$

Q42 \$30.65 $\rightarrow 4.55 \times 5 = 22.75, 3.95 \times 2 = 7.90, 22.75 + 7.90 = 30.65$

Q43. 0.7kg $\rightarrow 15.5 - 9.98 = 5.52, 5.52 \div 8 = 0.69, 0.69 \approx 0.7$

Q44. 54 $\rightarrow 4u - 1u = 3u, 3u = 27, 1u \rightarrow 27 \div 3 = 9, 6u \rightarrow 9 \times 6 = 54$

Q45. 80 $\rightarrow 2u \rightarrow 40, 1u \rightarrow 20, 4u \rightarrow 20 \times 4 = 80$

Q46. 7cm $\rightarrow 16 \times 24 = 384$, A of Z / difference $\rightarrow 384 - 335 = 49, 49 = 7 \times 7$

Q47. 222

3kg of seafood $\rightarrow 72 + 18 = 90$, 1kg of seafood $\rightarrow 90 \div 3 = 30, (5 \times 30) + 72 = 222$

Q48. \$1180

No. of sets $\rightarrow 442 \div 3 = 147R1$

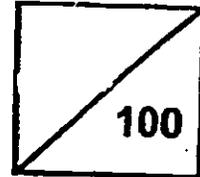
No. of M $\rightarrow 147 \times 2 = 294$

Cost of 294m $\rightarrow 294 \times 4 = 1176 + 4 = 1180$



Rosyth School
Second Semestral Assessment 2015
Mathematics
Primary 4

Total



Name: _____

Class: Pr 4. Register No. _____

Duration: 1h 45 min

Date: 27th Oct 2015

Parent's Signature: _____

Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts, Sections A, B and C.
4. For questions 1 to 20 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
5. ANSWER ALL THE QUESTIONS.

	Maximum	Marks Obtained
Section A	40	
Section B	40	
Section C	20	
Total	100	

This paper consists of 21 pages altogether (including the cover page).

This paper is not to be reproduced in part or whole without the permission of the Principal.

Section A (40 marks)

For questions 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct ovals (1, 2, 3 or 4) onto the Optical Answer Sheet provided. Each question carries 2 marks.

1. In which of the following numbers does the digit 6 stand for 60?

- (1) 6098
- (2) 7562
- (3) 8650
- (4) 9756

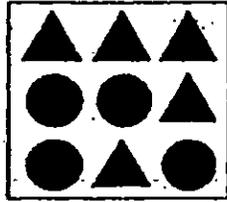
2. In which of the following numbers are the numbers arranged from the greatest to the smallest?

	Greatest		Smallest
(1)	1590	1509	1059
(2)	1059	1590	1509
(3)	1590	1059	1509
(4)	1059	1509	1590

3. Which of the following numbers when rounded off to the nearest ten becomes 58 600?

- (1) 58 549
- (2) 58 597
- (3) 58 607
- (4) 58 653

4. What fraction of the shapes in the box is ?



(1) $\frac{4}{9}$

(2) $\frac{5}{9}$

(3) $\frac{4}{5}$

(4) $\frac{5}{4}$

5. Express $8\frac{2}{7}$ as an improper fraction.

(1) $\frac{56}{7}$

(2) $\frac{58}{7}$

(3) $\frac{56}{2}$

(4) $\frac{58}{2}$

6. The digit 3 in 6.375 stands for 3 _____.

(1) ones

(2) tenths

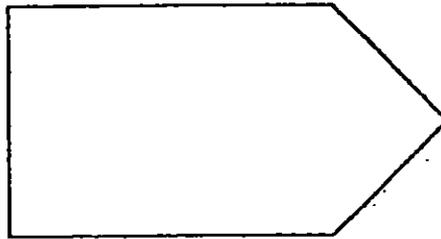
(3) hundredths

(4) thousandths

7. Find the sum of 1.07 and 9.94.

- (1) 10.01
- (2) 10.91
- (3) 11.01
- (4) 11.1

8.



How many pair(s) of parallel lines are there in the figure above?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

9.

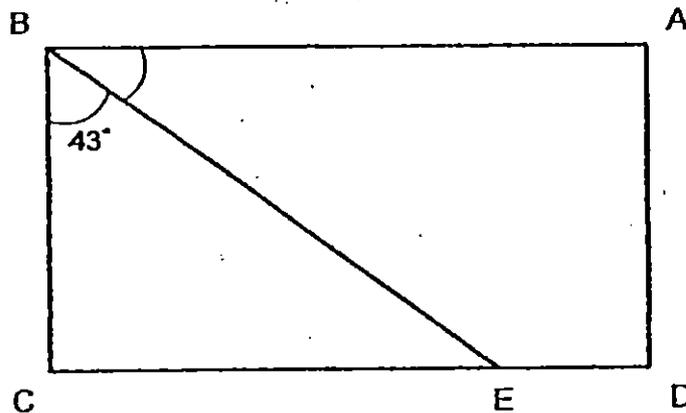
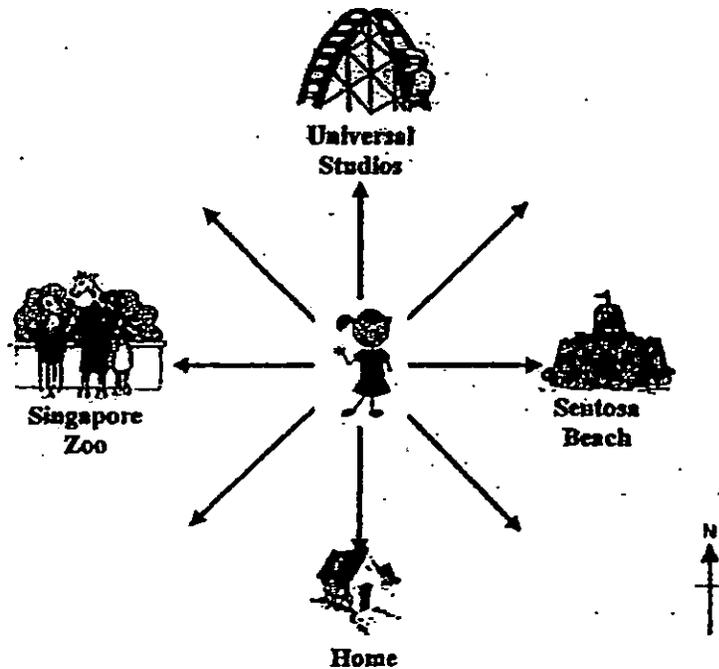


Figure ABCD is a rectangle not drawn to scale. BE is a straight line.

Find $\angle ABE$.

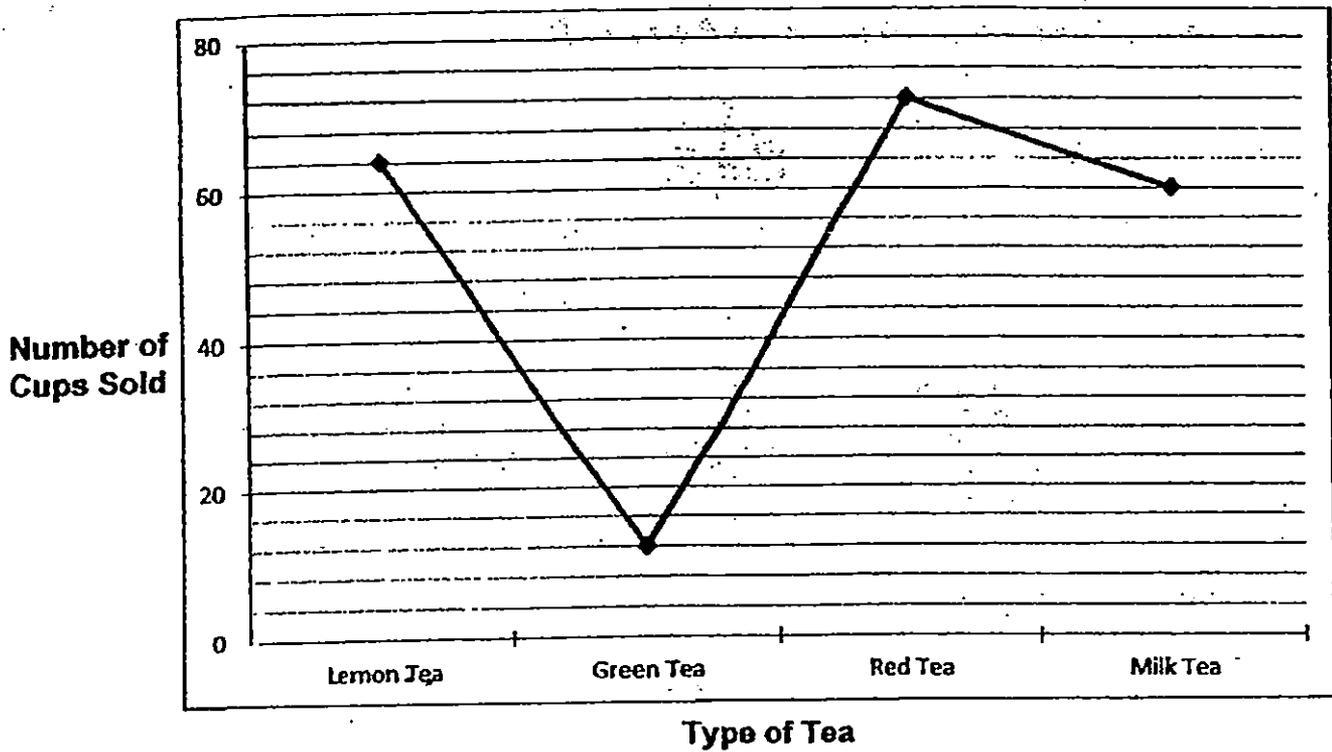
- (1) 37°
- (2) 43°
- (3) 47°
- (4) 137°

10. Jane is facing her home. She makes a $\frac{1}{4}$ turn anticlockwise. She then made a 270° turn clockwise. What is she facing now?



- (1) Home
(2) Singapore Zoo
(3) Sentosa Beach
(4) Universal Studios
11. There were some green and red beans in a box. $\frac{3}{8}$ of them were green. There were 120 green beans. How many of the beans were red?
- (1) 45
(2) 75
(3) 200
(4) 320

Use the information below and answer questions 12 and 13.



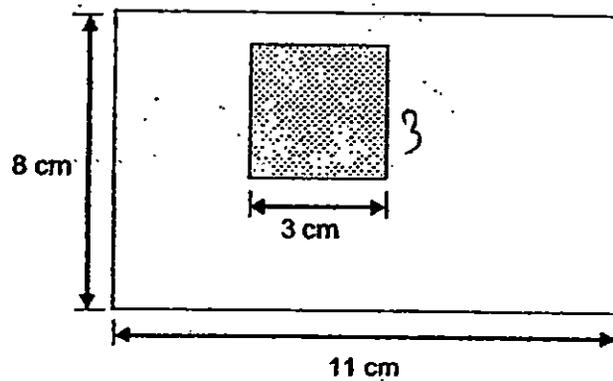
12. How many more cups of Lemon Tea were sold as compared to Green Tea?

- (1) 50
- (2) 52
- (3) 56
- (4) 58

13. If each cup of Red Tea cost \$2, how much money was collected from all the Red Tea sold?

- (1) \$126
- (2) \$132
- (3) \$144
- (4) \$148

14. Andy cut a square piece out from a rectangular piece of paper. Find the remaining area on the piece of paper.



- (1) 64 cm^2
(2) 79 cm^2
(3) 88 cm^2
(4) 97 cm^2
15. $\frac{5}{6}$ of a number is 90. What is the number?
- (1) 15
(2) 18
(3) 75
(4) 108
16. Sally bought 7 pens. Each pen cost \$1.95. How much did she pay for all the pens?
- (1) \$7.65
(2) \$10.65
(3) \$13.35
(4) \$13.65

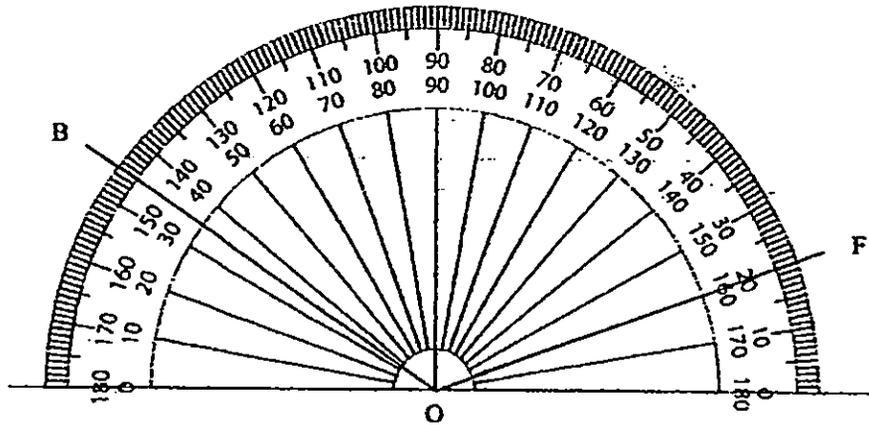
17. Faridah took 45 min to get to the dentist. She was 30 min early for her appointment. Her appointment was at 19:15. At what time did she leave her house?

- (1) 18 00
- (2) 18 30
- (3) 18 45
- (4) 19 45

18. Boston bought a cake. He ate $\frac{1}{8}$ kg of the cake yesterday. This morning, he ate $\frac{1}{4}$ kg more than the previous day. What fraction of the cake did he eat altogether in the 2 days?

- (1) $\frac{3}{8}$
- (2) $\frac{1}{2}$
- (3) $\frac{5}{8}$
- (4) $\frac{7}{8}$

19.



Find $\angle BOF$.

- (1) 20°
 - (2) 35°
 - (3) 125°
 - (4) 160°
20. Mr. Chow paid \$9.60 for 3 cups of Milo and 4 cups of coffee. Each cup of Milo costs \$0.40 more than a cup of coffee. How much does a cup of coffee cost?
- (1) \$1.20
 - (2) \$1.40
 - (3) \$1.60
 - (4) \$2.50

Section B (40 marks)

For questions 21 to 40, show your working clearly in the space below each question and write your answer in the answer boxes provided. Give your answers in the units stated. Each question carries 2 marks.

Do not write
in this space

21. $71\,406 = 70\,000 + 1000 + \underline{\quad ? \quad} + 6$

What is the missing number?

Ans: _____

22. What is the correct number in the number pattern below?

43, 45, 48, ? , 57, 63

Ans: _____

23. The figure below is made up of identical rectangles.
What fraction of the figure is shaded?
(Leave your answer in the simplest form)



Ans: _____

24. Find the value of $1 - \frac{1}{4} - \frac{5}{12}$ (Leave your answer in the simplest form)

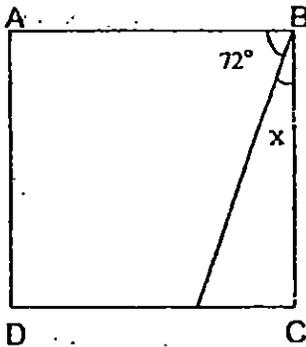
Do not write
this space

Ans: _____

25. Express $\frac{37}{7}$ as a mixed number.
(Leave your answer in the simplest form)

Ans: _____

26. ABCD is a square. Find $\angle X$.



Ans: _____

27. Express 0.7 as a fraction.

Ans: _____

28. Round off 13.73 to the nearest whole number.

Do not write in
this space

Ans: _____

29. Write 3 hundredths in figures.

Ans: _____

30. Muthu bought 5 chocolates on Thursday and 7 chocolates on Friday. He gave away 4 chocolates to Mrs Woo. What fraction of the chocolates did he have left? (Leave your answer in the simplest form)

Ans: _____

Use the following information below to answer questions 31 and 32.

The table below shows the number of students in 4 different Math Enrichment Centers.

Math Enrichment Center	Number of Students
A	102
B	211
C	87
D	147

Do not write in this space

31. What is the total number of students in all 4 centers?

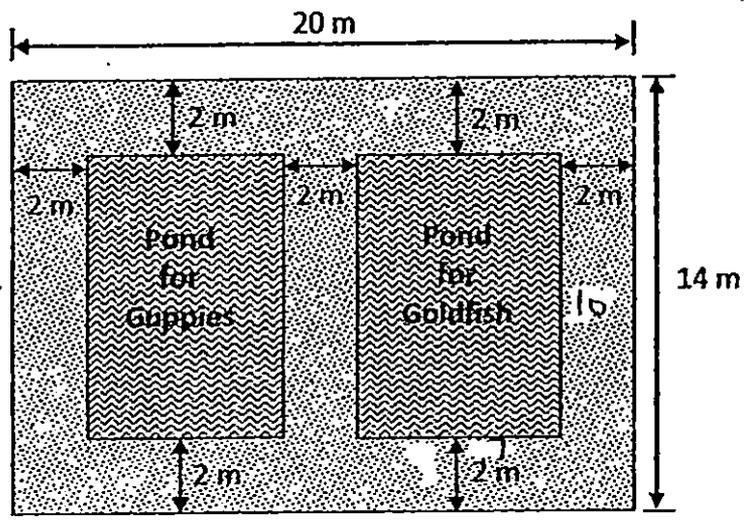
Ans: _____

32. The enrichment cost \$96.00 per month for each student. How much money would be collected at Math Enrichment Center D every month?

Ans: \$ _____

33. Chu Hong made two ponds of the same size in his garden. One pond was to keep his guppies and another pond was to keep his goldfish. He made a 2 m wide path around the ponds so that visitors could walk around and look at his guppies and goldfish. Find total area he used to make the 2 ponds.

Do not write in this space



Ans: _____ m²

34. A square has an area of 64 cm². What is the perimeter of the square?

Ans: _____ cm

Do not write in
this space

35. Find the sum of 13 tenths and 87 hundredths.

Ans: _____

36. Brenda weighs 34.78 kg and Chong Boon weighs 48.29 kg. How much do they weigh?

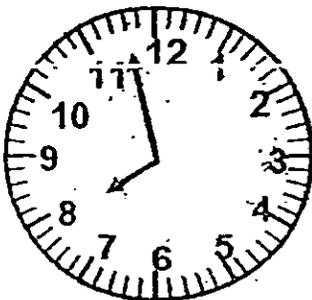
Ans: _____ kg

37. Kumar bought 8 plates for \$18. How much does each plate cost?

Ans: \$ _____

38. When Sarah was having her dinner, she looked at the clock.

Write the time using the 24-hour clock.



Ans: _____

39. Eugene was given some money. He spent \$3.35 on a notebook and all of the remainder on 5 pens that cost \$1.40 each. How much money did he have at first?

Ans: \$ _____

Do not write in
this space

-
40. The sum of two numbers is 37.59. One of the numbers is 13.35 bigger than the other. What is the smaller number?

Ans: _____

Section C (20 marks)

For questions 41 to 45, show your working clearly in the space below each question and write your answers in the blanks provided. The marks for each question or part question are given in the brackets.

Do not write in
this space

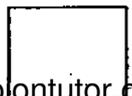
-
41. Linda bought 24 packets of sweets for her birthday party. Each packet had 35 sweets. She had 40 classmates and each classmate received 13 sweets. How many sweets were left?

Ans; _____ [4]



42. At a concert, $\frac{3}{9}$ of the audience were men. $\frac{1}{9}$ of the audience were women and the rest were children. There were 540 more children than men. How many women were at the concert?

Do not write in this space



43. Three friends have a total of 103 sweets. Mary has thrice as many sweets as Don. Ravi has 9 sweets fewer than Mary. How many sweets does Ravi have?

Do not write in this space

Ans: _____ [4]



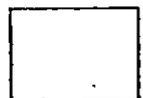
14. Mrs Low baked 370 more cupcakes than Emma. After Mrs Low sold 150 of her cupcakes, she had 5 times as many cupcakes as Emma:

- (a) How many cupcakes did Emma bake?
- (b) How many cupcakes did Mrs Low bake?

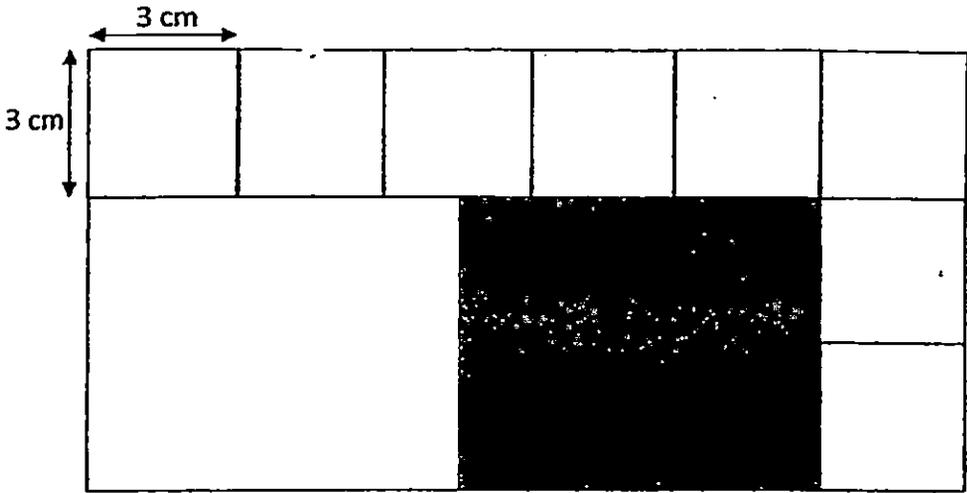
Do not write in this space

Ans: (a) _____ [2]

(b) _____ [2]



45. The figure below is made up of 8 identical 3-cm squares and 2 identical rectangles. Find the area of the shaded rectangle.



Do not write in this space

_____ [4]



~END OF PAPER~
Have you checked your work thoroughly?

EXAM PAPER 2015**LEVEL : PRIMARY 4****SCHOOL : ROSYTH SCHOOL****SUBJECT : MATHEMATICS****TERM : SA2**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	2	2	2	2	3	1	3	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	20
3	2	3	2	4	4	1	2	3	1

Q21. 400

Q22. 52

Q23. $\frac{1}{2}$

Q24. $\frac{1}{3}$

Q25. $5\frac{2}{7} \rightarrow 37 \div 7 = 5R2, 7 \times 5 = 35, 35 + 2 = 37$

Q26. $18^\circ \rightarrow 90 - 72 = 18, 18 + 72 = 90$

Q27. $\frac{7}{10}$

Q28. 14

Q29. 0.03

Q30. $\frac{2}{3} \rightarrow 5+7=12, 12-4=8, \frac{8}{12} = \frac{2}{3}$

Q31. 547 students $\rightarrow 102 = 211 + 87 \times 147 = 547$

Q32. \$14,112 $\rightarrow 147 \times 96 = 14,112$

Q33. $140m^2 \rightarrow 14 - 4 = 10, 20 - 6 = 14, 14 \div 2 = 7, 7 \times 10 = 70, 70 \times 2 = 140$

Q34. 32cm $\rightarrow 8 \times 8 = 64, 8 \times 4 = 32$

Q35. 2.17 $\rightarrow 1.3 + 0.87 = 2.17$

Q36. 83.07kg $\rightarrow 34.78 + 48.29 = 83.07$

Q37. \$2.25 $\rightarrow 18 \div 8 = 2.25$

Q38. 1958 $\rightarrow 7.58 \rightarrow 1958$

Q39. \$10.35 $\rightarrow 1.40 \times 5 = 7, 7 + 335 = 10.35$

Q40. 12.12 $\rightarrow 37.54 - 13.35 = 24.24, 24.24 \div 2 = 12.12$

Q41. 320 \rightarrow All sweets = $24 \times 35 = 840$, Sweets for classmate = $40 \times 13 = 520$,
Left = $840 - 520 = 320$

Q42. 270 $2u = 540, 1u = 540 \div 2 = 270$

Q43. 39

$7u = 103 + 9 = 112$

$1u = 112 \div 7 = 16$

$3u = 16 \times 3 = 48$

$R = 48 - 9 = 39$

Q44a. 55 $\rightarrow 4u = 370 - 150 = 220, 1u = 220 \div 4 = 55$

Q44b. 425 $\rightarrow 5u = 55 \times 5 = 275, \text{Mrs Low} \rightarrow 275 - 150 = 125$

Q45. $45cm^2$

(Length) 2 rectangles = $3 \times 5 = 15$

(Length) 1 rectangle = $15 \div 2 = 7.5$

Breath = $3 \times 2 = 6$

Area of shaded rectangle = $7.5 \times 6 = 45$



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Level : Primary Four

Class : Primary 4 _____

Date : 30 October 2015

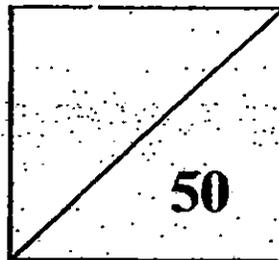
Setter : Mr Mazlan bin Ismael

SEMESTRAL ASSESSMENT 2

2015

MATHEMATICS

PAPER 1



TOTAL TIME FOR PAPER 1: 1 hour 15 minutes

30 questions

50 marks

- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.

Questions 1 to 10 carry 2 marks each. Questions 11 to 20 carry 1 mark each. For each question, four options are given. One of these is the correct answer. Make your choice (1, 2, 3 or 4) and shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet. **(30 marks)**

1. In which of the following numbers does the digit 4 stand for 400?

- (1) 4670
- (2) 6470
- (3) 6704
- (4) 7640

2. Which of the following is a multiple of 9?

- (1) 28
- (2) 19
- (3) 3
- (4) 36

3. How many one-fifths are there in 4 wholes?

- (1) $1\frac{1}{4}$
- (2) $\frac{4}{5}$
- (3) 5
- (4) 20

4. Find the value of $\frac{11}{12} - \frac{1}{3}$.

- (1) 1
- (2) $\frac{2}{3}$
- (3) $\frac{5}{6}$
- (4) $\frac{7}{12}$

5. Which of the following decimals is the greatest?

- (1) 0.257
- (2) 0.242
- (3) 0.026
- (4) 0.185

6. Express $\frac{58}{100}$ as a decimal.

(1) 0.508

(2) 0.058

(3) 0.58

(4) 5.08

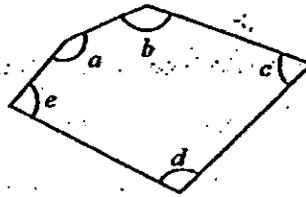
7. In the figure below, which of the following statements is correct?

(1) $\angle a$ is smaller than 90°

(2) $\angle b$ is greater than 90°

(3) $\angle c$ is greater than 90°

(4) $\angle d$ is equal to 90°



8. Bala was facing north at first. He made a 90° anti-clockwise turn. After that, he made a $\frac{3}{4}$ -turn in the clockwise direction. Which direction was he facing in the end?

(1) North

(2) South

(3) East

(4) West

9. James watched a movie which lasted for 1 h 18 min. The movie ended at 11.53 p.m. What time did the movie start?

(1) 1.11 a.m.

(2) 1.11 p.m.

(3) 10.35 a.m.

(4) 10.35 p.m.

10. Ali took a bus from Singapore to Malacca at 10.45 p.m. The bus ride took 4 h 40 min. What time did he reach Malacca?

(1) 02.25

(2) 03.25

(3) 14.25

(4) 15.25

11. Gina has gathered some data on 4 quadrilaterals (A, B, C and D), which is recorded in the table shown below.

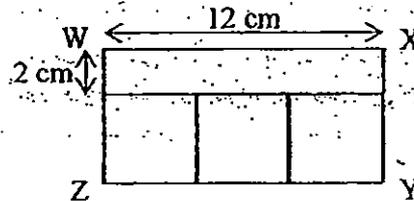
	A	B	C	D
Opposite sides are equal	✓	✓	✓	✓
Opposite sides are parallel	✓	✓	✓	✓
All angles are right angles	✗	✓	✗	✓
All sides are equal	✗	✗	✓	✓

Which one of the figures is a rectangle?

- (1) A
- (2) B
- (3) C
- (4) D

12. The figure below is made up of 3 identical squares and a rectangle. The length of the rectangle is 12 cm. Its breadth is 2 cm. What is the length of XY?

- (1) 16 cm
- (2) 10 cm
- (3) 6 cm
- (4) 4 cm



13. A square farmland has an area of 36 m^2 . Find the perimeter of the farmland.

- (1) 9 m
- (2) 18 m
- (3) 24 m
- (4) 36 m

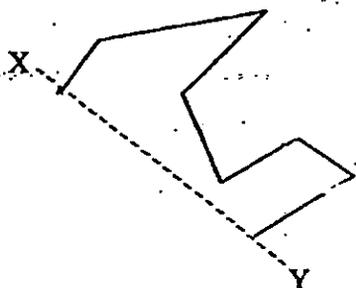
14. Alan had a stored value of \$6 in his Ez-link card. He used his Ez-link card to pay \$0.68 for a bus trip. What was the stored value in his Ez-link card after the bus trip?

- (1) \$0.62
- (2) \$0.74
- (3) \$5.31
- (4) \$5.32

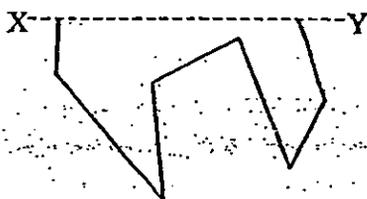
15. The total mass of three identical flower pots was 7.59 kg. What was the mass of each flower pot?

- (1) 2.05 kg
- (2) 2.41 kg
- (3) 2.50 kg
- (4) 2.53 kg

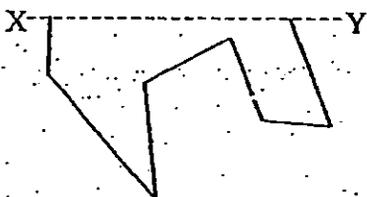
16. Which of the following is a symmetrical image of the given figure along line XY.



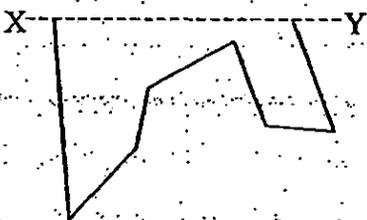
(1)



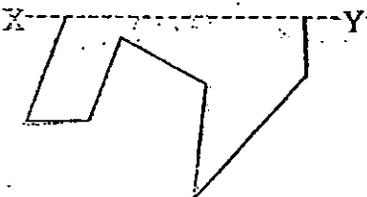
(2)



(3)

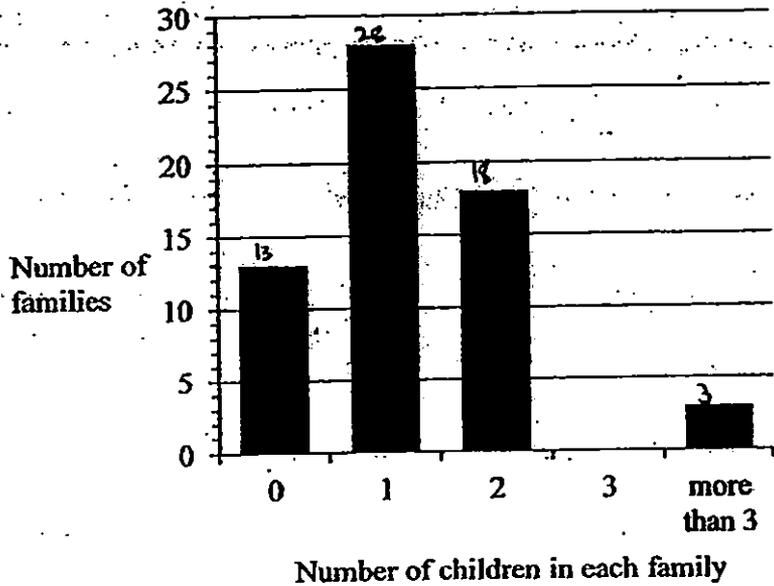


(4)



For Questions 17 to 19, please refer to the bar graph below.

The bar graph shows the survey results of all the families living in a block of flats.



17. How many families living in the block of flats have 2 or more children?

- (1) 18
- (2) 21
- (3) 24
- (4) 28

18. How many families live in the block of flats?

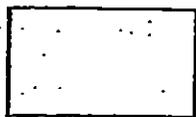
- (1) 49
- (2) 59
- (3) 62
- (4) 65

19. How many children live in the block of flats?

- (1) Between 49 and 73 children
- (2) More than 73 children
- (3) Exactly 73 children
- (4) Fewer than 73 children

9. Which of the following unit shapes cannot be tessellated?

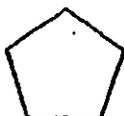
(1)



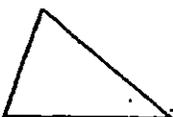
(2)



(3)



(4)



Questions 21 to 30 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

21. Write the missing number in the number pattern below.

2538, 2688, 2838, _____, 3138

Ans: _____

22. Round off 8747 to the nearest ten.

Ans: _____

23. Which two of the fractions below are in the simplest form?

$\frac{3}{4}$, $\frac{4}{12}$, $\frac{6}{8}$, $\frac{7}{10}$

Ans: _____ and _____

24. Arrange the following fractions from the greatest to the smallest.

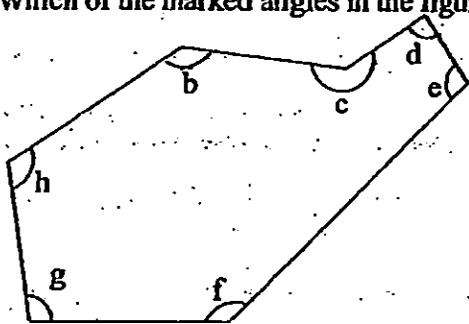
$\frac{1}{3}$, $\frac{5}{6}$, $\frac{7}{12}$

Ans: _____, _____, _____
(greatest) (smallest)

25. Find the value of $1 - \frac{1}{8} - \frac{1}{4}$. Give your answer in the simplest form.

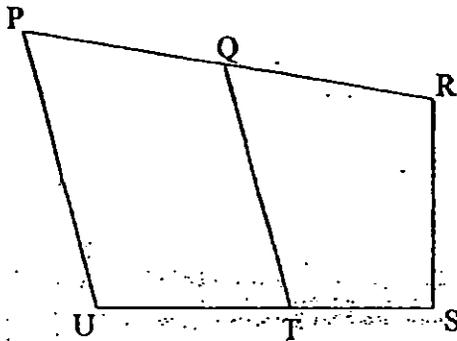
Ans: _____

26. Which of the marked angles in the figure below are right angles?:



Ans: _____

27. In the figure, one of the lines is parallel to PU. Which line is parallel to PU?



Ans: _____

28. Write 7 hundredths in figures.

Ans: _____

29. $8.6 - 0.95 =$ _____

Ans: _____

30. Mr Chia left home for work at 7.45 a.m. He reached home at 6.35 p.m. that evening. How long was he away from home on that day?

Ans: _____ h _____ min

End of Paper 1



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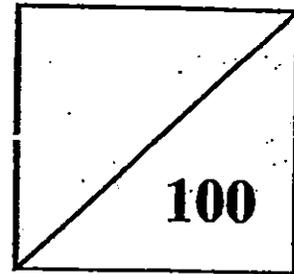
Total Marks
Papers 1 & 2

Level : Primary Four

Class : Primary 4

Date : 30 October 2015

Setter : Mr Mazlan bin Ismael

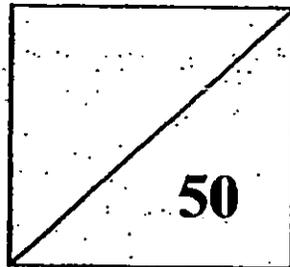


SEMESTRAL ASSESSMENT 2

2015

MATHEMATICS

PAPER 2



TOTAL TIME FOR PAPER 2: 1 hour 30 minutes

18 questions

50 marks

- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.

Questions 1 to 10 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

1. A piece of ribbon is 157 cm long. Find the total length of 76 such ribbons.

Ans: _____ cm

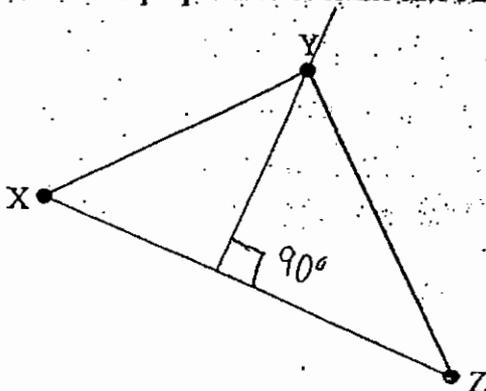
2. Caili used $\frac{4}{5}$ kg of flour to bake a chocolate cake and $\frac{7}{10}$ kg of flour to bake a butter cake. How much flour did Caili use to bake both the cakes?

Ans: _____ kg

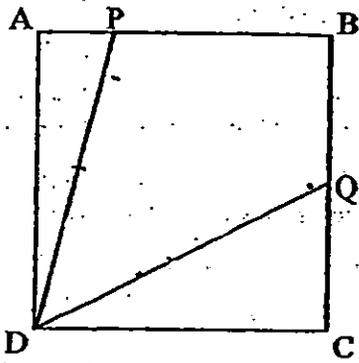
3. A group of scouts was facing the west. They made a 90° anti-clockwise turn and continued their journey. After travelling for some time, they made a 180° clockwise turn. Which direction were they facing in the end?

Ans: _____

4. Draw a line perpendicular to the line XZ, and passing through the point Y.



5. In the figure below, ABCD is a square. $\angle ADQ$ is 60° and $\angle PDC$ is 75° . Find $\angle PDQ$.



Ans: _____

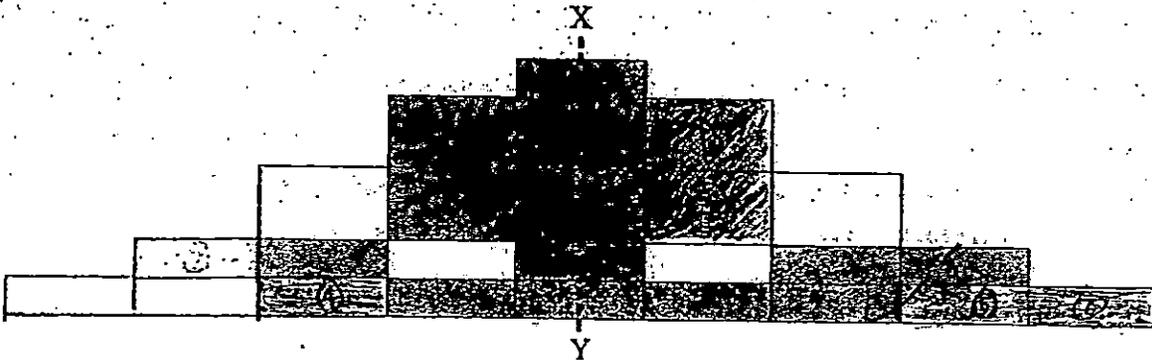
6. The perimeter of a rectangle is 72 cm. Its length is 26 cm. Find its breadth.

Ans: _____ cm

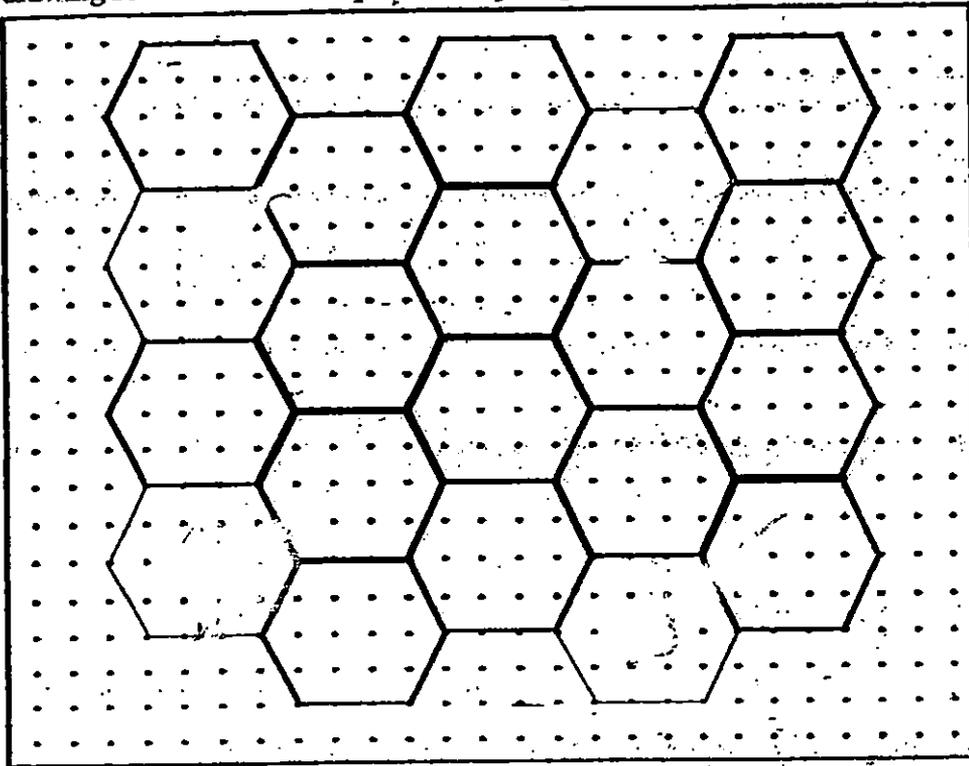
7. Peter took 20 min to warm up before jogging around his estate for 1 h 47 min. He stopped jogging at 10.07 a.m. What time did he start the warm-up?

Ans: _____ a.m.

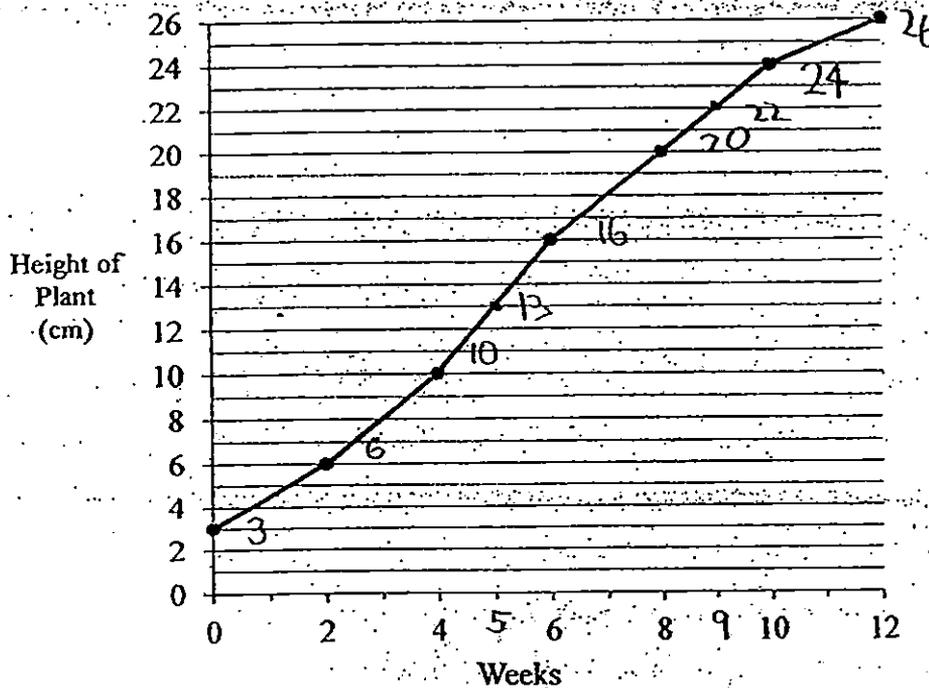
8. In the figure below, Line XY is the line of symmetry. Shade 6 more rectangles to make the figure symmetrical.



9. The pattern in the box below shows part of a tessellation. Extend the tessellation by drawing four more unit shapes in the space provided in the box.



10.



The line graph above shows the height of Karen's plant over 12 weeks. What was the increase in the height of the plant from Weeks 5 to 9?

Ans: _____ cm

For Questions 11 to 18, show your working clearly and write your answers clearly in the spaces provided. The number of marks available is shown in the brackets [] at the end of each question or part-question. (30 marks)

11. Mr Chua gave a total of \$2436 to his three children. The eldest child received three times as much money as the youngest child. The second child received twice as much money as the youngest child. What was the amount of money given to his eldest child?

Ans: _____ [3]

12. Every day, a bakery uses 84 kg of flour and 98 kg of mixed fruits to bake fruitcakes. What is the total mass of flour and mixed fruits used to make fruitcakes in 29 days?

Ans: _____ [3]

13. Karin has to collect 2 kg of old newspapers for a recycling project. She collected $\frac{1}{4}$ kg from her relatives and $\frac{1}{4}$ kg from her neighbours. How many more kilogrammes of old newspapers must she collect?

Ans: _____ [3]

14. Mrs Tay baked some cookies. She gave $\frac{2}{5}$ of the cookies to her neighbour and 30 cookies to her friend. She had 69 cookies left. How many cookies did she bake?

Ans: _____ [3]

15. The figure below is made up of 2 identical rectangles overlapping each other. Each rectangle has an area of 96 m^2 . The overlapping portion is a 3-m square.

- (a) What is the area of the figure?
- (b) What is the perimeter of the figure?

Ans: (a) _____ [2]

(b) _____ [2]

16. 11.08 kg of clay were used in a pottery class. 2.68 kg of the clay were used by the instructor for the demonstration. The remaining clay was then shared equally among 7 pupils.

(a) How many kilogrammes of clay were shared by the 7 pupils?

(b) How many kilogrammes of clay did each pupil get?

Ans: (a) _____ [2]

(b) _____ [2]

17. 6400 pencils were sold in packets of 2 or 4. There was a total of 2400 packets sold.
How many packets of 2 pencils and how many packets of 4 pencils were sold?

Ans: _____ packets of 2

_____ packets of 4 [5]

18. Mrs Lim paid \$86.10 to purchase tickets for a charity concert for 2 adults and 3 children. Mrs Goh bought tickets for 2 adults and 7 children for the same concert. A ticket for an adult cost \$22.50.

(a) How much did a ticket for a child cost?

(b) How much more did Mrs Goh pay for the tickets than Mrs Lim?

Ans: (a) _____ [3]

(b) _____ [2]

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : RULANG PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	4	4	1	3	2	2	4	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	3	3	4	4	2	2	3	2	3

Q21. 2988 Q22. 8750 Q23. $\frac{3}{4}$ and $\frac{7}{10}$

Q24. $\frac{5}{6}$ (greatest), $\frac{7}{12}$, $\frac{1}{3}$ (smallest)

Q25. $\frac{5}{8}$ Q26. Angle d Q27. QT Q28. 0.07 Q29. 7.76

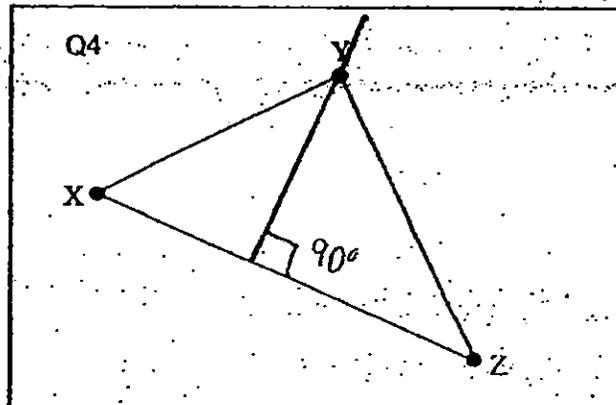
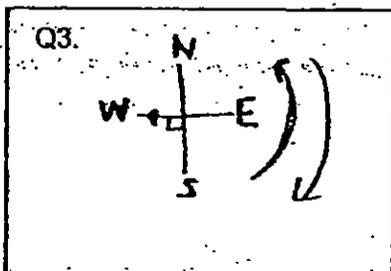
Q30. 10h 50min Q1. 11 932cm $157 \times 76 = 11932$

Q2. $1\frac{1}{2}$ kg $\frac{4}{5} \times 2 = \frac{8}{10}$, $\frac{7}{10} + \frac{8}{10} = \frac{15}{10} = 1\frac{5}{10} = 1\frac{1}{2}$

Q3. North

Q4. SEE PICTURE

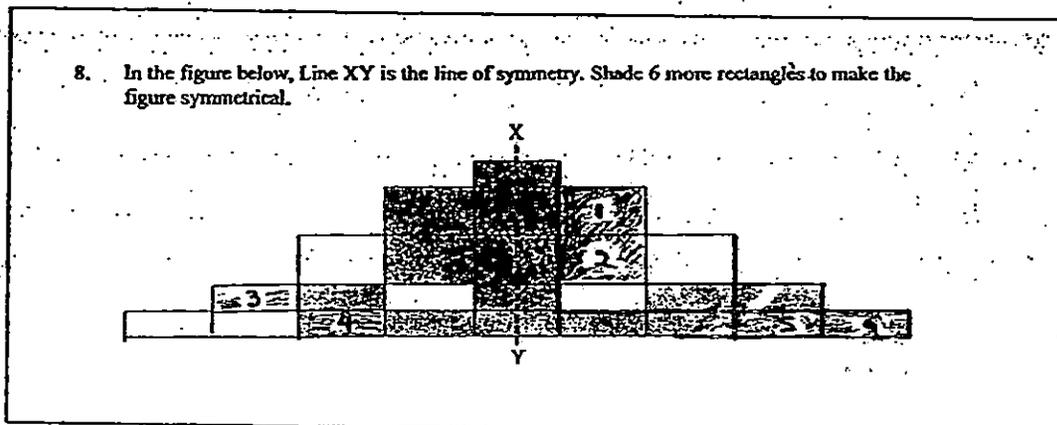
Q5. $45^\circ 90 - 60 = 30$, $75 - 30 = 45$



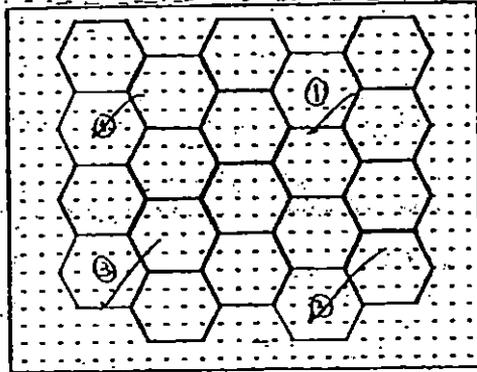
Q6. $10\text{cm} \rightarrow 26 \times 2 = 52$; $72 - 52 = 20$, $20 \div 2 = 10$

Q7. 8a.m

Q8. SEE PICTURE



Q9. SEE PICTURE



Q10. $9\text{cm} \rightarrow 22-13=9$

Q11. $\$1218 \rightarrow 6 \text{ units} \rightarrow 2436 \div 6 = 406, 3 \text{ units} \rightarrow 406 \times 3 = 1218$

Q12. 5278kg
 $1 \text{ day} \rightarrow 841 + 98 = 182, 2 \text{ days} \rightarrow 182 \times 29 = 5278$

Q13. $1\text{kg } 500\text{g}$
 $2\text{kg} \rightarrow 2000\text{g}$
 $1\text{kg} \rightarrow 1000\text{g}$
 $\frac{1}{4}\text{kg} \rightarrow 1000 \div 4 = 250$
 $2000 - 500 = 1500$

Q14. 165 cookies
 $5-2=3, 3 \text{ units} \rightarrow 69+30=99,$
 $1 \text{ unit} \rightarrow 99 \div 3 = 33, 5 \text{ units} \rightarrow 33 \times 5 = 165$

Q15a. $183\text{m}^2 \rightarrow 3 \times 3 = 9, 96 - 9 = 92, 87 + 96 = 183$

Q15b. $68\text{m} \rightarrow 8-3=5, \text{Length of rectangles } 96 \div 8 = 12, 12-3=9$

Q16a. $8.40\text{kg} \rightarrow 11.08 - 2.68 = 8.40$

Q16b. $1.2\text{kg} \rightarrow 1 \text{ pupil} \rightarrow 8.40 \div 7 = 1.2$

Q17a. $1600 \text{ packets of } 2$
 $2400 \times 2 = 4800, 6400 - 4800 = 1600,$
 $4-2=2, 1600 \div 2 = 800 \text{ (packets of } 4),$
 $2400 - 800 = 1600 \text{ (packets of } 2)$

Q17b. 800
 $800 \times 4 = 3200$
 $1600 \times 2 = 3200$
 $3200 + 3200 = 6400$

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : RULANG PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q18a. \$13.70

2 adults $\rightarrow 22.50 \times 2 = 45$

3 children $\rightarrow 86.10 - 45 = 41.10$

1 child $\rightarrow 41.10 \div 3 = 13.70$

Q18b. \$54.80

$7 - 3 = 4$

$13.70 \times 4 = 54.80$



PRIMARY 4 END-OF-YEAR EXAMINATION 2015

Name : _____ () Date: 29 October 2015

Class : Primary 4 ()

Time: 8.00 a.m. - 9.15 a.m.

Parent's Signature : _____

Marks: _____ / **100**

MATHEMATICS

PAPER 1

(Booklet A and Booklet B)

Time for Paper 1 is **1 hour 15 min.**

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Booklet A	20
Booklet B	40
Total for Paper 1	60

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In which of the following numbers does the digit 3 stand for 300?

(1) 3560

(2) 5360

(3) 5603

(4) 6530

2. Which of the following numbers when rounded off to the nearest ten becomes 24 500?

(1) 24 445

(2) 24 497

(3) 24 508

(4) 24 553

3. $6\frac{5}{8} = \frac{\square}{8}$

What is the missing number in the box?

(1) 30

(2) 43

(3) 48

(4) 53

4. Find the value of $\frac{9}{10} - \frac{2}{5}$

(1) $\frac{1}{5}$

(2) $\frac{1}{2}$

(3) $\frac{7}{10}$

(4) $\frac{11}{15}$

5. Express $\frac{29}{100}$ as a decimal.

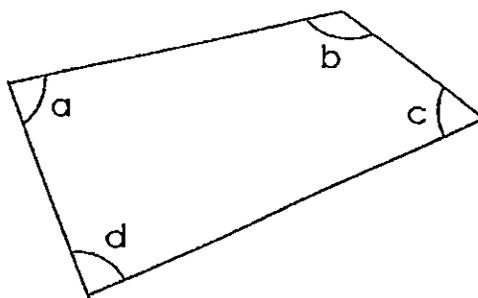
(1) 0.209

(2) 0.029

(3) 0.29

(4) 2.0

6. In the figure, which angle is greater than a right angle?



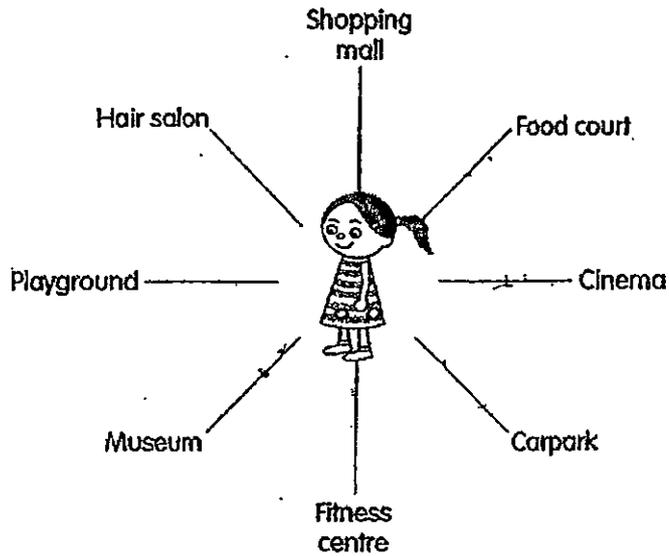
(1) $\angle a$

(2) $\angle b$

(3) $\angle c$

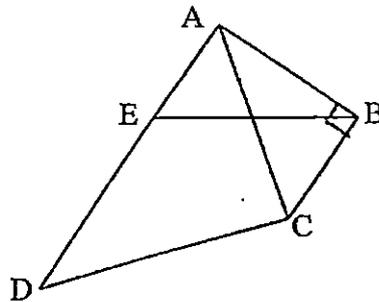
(4) $\angle d$

7. Ariel is facing the playground. She turns 225° anti-clockwise. Where is she facing now?



- (1) Cinema
- (2) Carpark
- (3) Food court
- (4) Fitness centre

8. One of the lines in the figure is perpendicular to BC. Which line is perpendicular to BC?



- (1) AB
- (2) AD
- (3) BE
- (4) DC

9. There are 12 lollipops in a packet and 9 pieces of chocolates in a box. Jenna wants to buy an equal number of lollipops and chocolates. How many boxes of chocolates must she buy?

(1) 36

(2) 21

(3) 3

(4) 4

10. Mr Muthu bought 3 kg of flour. He used 750 g of it and stored the remainder equally into 5 containers. How much flour was in each container?

(1) 250 g

(2) 450 g

(3) 470 g

(4) 750 g

Tao Nan School
Primary 4 Mathematics End-of-Year Examination 2015

Paper 1 (Booklet B)

Each question carries 2 marks. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

11. Write the missing number in the number pattern below.

13 200, 12 400, 11 600, _____, 10 000

12. What is the remainder when 1496 is divided by 6?

13. How many one-ninths are there in 4 wholes?

14. Find the value of $\frac{3}{10} + \frac{19}{100}$.

15. Write 5 tenths as a decimal.

16. Arrange the following numbers in order from the greatest to the smallest.

0.056 , 0.605 , 0.506

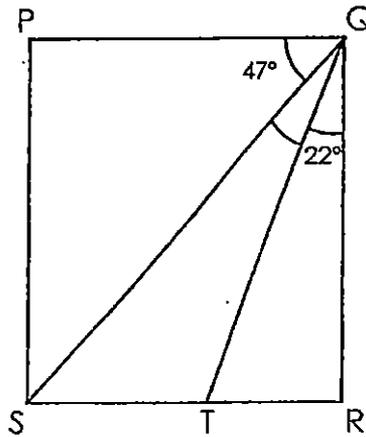
(greatest)

(smallest)

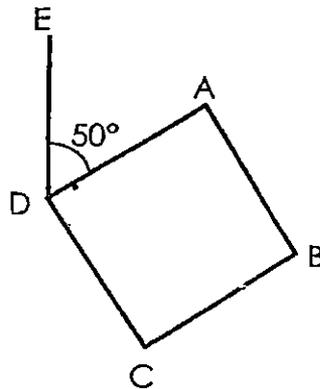
17. $7.2 - 0.48 =$ _____

18. Find the value of 4.69×8 .

19. In the figure shown, PQRS is a rectangle. Find $\angle SQT$.



20. In the figure, ABCD is a square and $\angle ADE$ is 50° . Find $\angle EDC$.



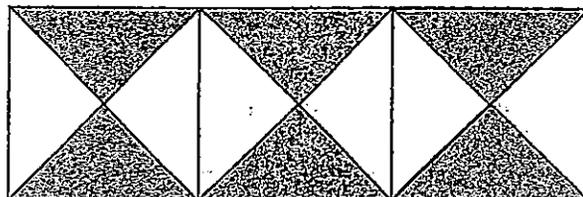
21. Mr Chan spent $\frac{1}{4}$ of his salary on food and another $\frac{1}{8}$ of it on transport. What fraction of his salary was not spent?

22. Peter thinks of a number which is between 34 and 46.
 When it is divided by 5, he gets a remainder of 4.
 When it is divided by 9, he gets a remainder of 3.
 What is the number?



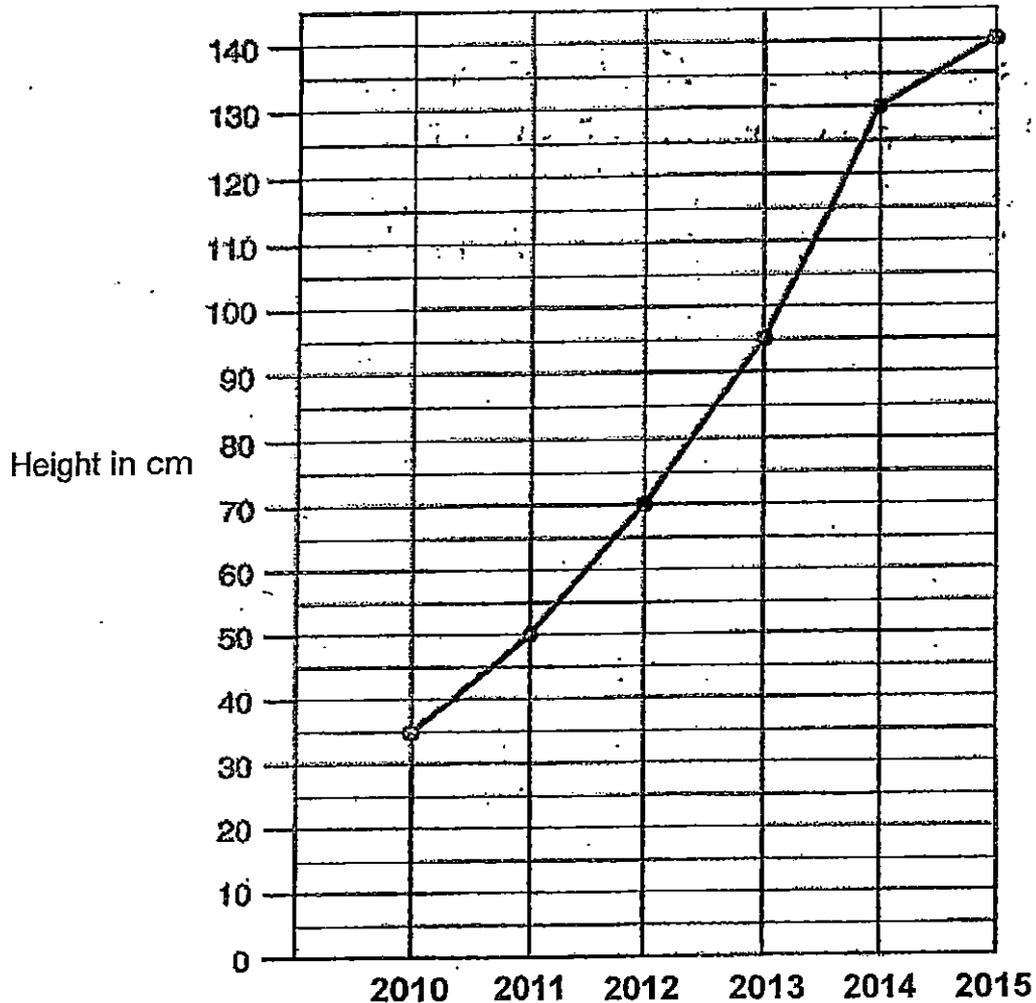
23. A florist arranged 6138 flowers equally into 6 bouquets. After selling 4 bouquets, how many flowers had she left?

24. The diagram below is divided into 12 identical triangles. Ryan had shaded some triangles. He needs to shade $\frac{3}{4}$ of the diagram. How many more triangles must he shade?



Use the bar graph below to answer questions 25 to 26.

The line graph below shows the height of a plant measured in January of each year from 2010 to 2015. Study it carefully and answer the following questions.



25. During which one-year interval was the increase in the height of the plant the greatest?

26. In 2015, the plant's height was twice its height in _____?

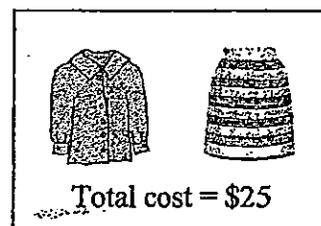
27. Two small identical cushions cost \$8. Two big identical cushions and 4 small identical cushions cost \$26. Find the cost of each big cushion.



\$

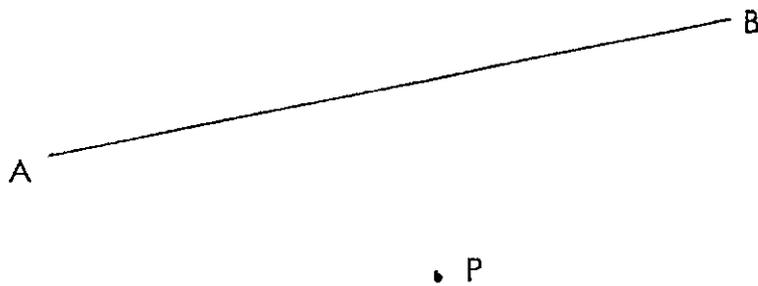
28. Mrs Sim bought 56 stalks of roses. $\frac{3}{7}$ of them were pink and the rest were white. How many roses were white?

29. A blouse and a skirt cost \$25. Rita bought 5 blouses and 4 skirts. She spent \$110 altogether. How much does a blouse cost?



\$

30. Draw a line perpendicular to AB and passes through the point P.



End of Paper 1



PRIMARY 4 END-OF-YEAR EXAMINATION 2015

Name : _____ () Date: 29 October 2015

Class : Primary 4 ()

Time: 10.30 a.m. - 11.30 a.m.

Parent's Signature : _____

Marks: _____ / **40**

MATHEMATICS

PAPER 2

Time for Paper 2 is **1 hour**.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Questions 1 to 10 carry 4 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

1. Mrs Tan bought some tarts for her friends. $\frac{1}{2}$ of them were blueberry tarts. The rest were pineapple tarts. She bought 30 blueberry tarts.
- a) How many tarts did she buy in all?
- b) Mrs Tan packed all the tarts equally into 5 boxes. How many tarts were there in each box?

Ans: a) _____

b) _____

2. A rope 49.5 m long is cut into two pieces. One piece is 5 times as long as the other. Find the length of the longer piece in metres.
(Round off your answer to 1 decimal place.)

Ans: _____

3. Guoyang had 3 times as much money as Ziming. After Guoyang had given Ziming \$68.50, Ziming had 3 times as much money as Guoyang.
(a) How much money did Ziming have at first?
(b) How much money did they have altogether?

Ans: a) _____
b) _____

4. Mother is 29 years older than Benny. Mother is 5 years younger than Father. Their total age is 87 years. How old is Mother?

Ans: _____

5. Fatimah had the exact amount of money to buy 7 scarves of the same price. However, she bought only 4 scarves and had \$144 left.
- (a) What was the cost of 1 scarf?
- (b) How much money did she have at first?

a) _____

Ans: b) _____

6. A box with 12 similar packets of biscuits weighs 3.85 kg. The mass of 2 packets of biscuits is 0.6 kg. Find the mass of the box with 8 packets of biscuits.
- (Give your answer in kilograms.)

Ans: _____

7. The table below shows the prices of Cola drink which were sold in 2 shops.

Shop A	\$1.60 per pack of 3 cans
Shop B	\$3.10 per pack of 6 cans

Mandy bought 18 cans of Cola drink from Shop A. Barney bought the same number of cans of Cola drink from Shop B.

- (a) Who spent more money to buy the drinks?
- (b) How much more money was spent?

Ans: a) _____

b) _____

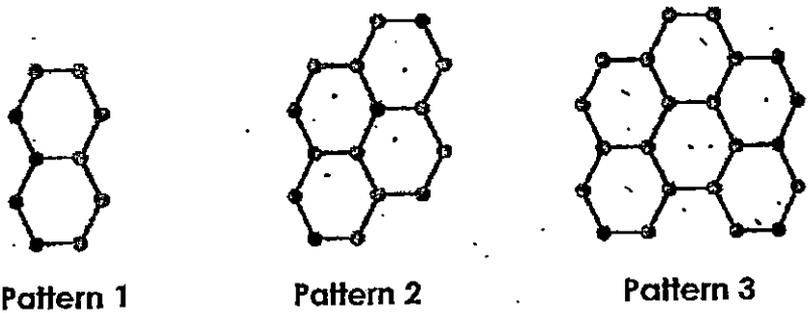
8. Ali had some stickers. He gave $\frac{5}{8}$ of them to his sister and half of the remainder to his brother. He then had 1038 stickers left. How many stickers did he have at first?

Ans: _____

9. Rena bought some lollipops. If she gives 8 lollipops to each friend, she would have 7 lollipops remaining. If she gives 9 lollipops to each friend, she would have 1 lollipop remaining. How many friends did Rena have?

Ans: _____

10. Study the pattern shown below.



a) Find the number of dots in Pattern 9. (1 mark)

Pattern Number	Number of Dots
1	10
2	16
3	22
9	?

b) How many hexagons () are there in Pattern 10? (1 mark)

c) Which pattern will have 106 dots? (2 marks)

Ans: a) _____
 b) _____
 c) _____

End of Paper 2

EXAM PAPER 2015
LEVEL : PRIMARY 4
SCHOOL : TAO NAN SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	4	2	3	2	3	1	4	2

Q11. 10800 Q12. 2 Q13. 36 Q14. $\frac{49}{100}$

Q15. 0.5 Q16. 0.605, 0.506, 0.056

Q17. 672 Q18. 37.52 Q19. $21^\circ 90 - 47 = 43$, $43 - 22 = 21$

Q20. $140^\circ \rightarrow 90 + 50 = 140$ Q21. $\frac{5}{8} \rightarrow \frac{1}{4} = \frac{2}{8}$, $1 - \frac{2}{8} - \frac{1}{8} = \frac{5}{8}$

Q22. 39
 Multiples of 5 : 35, 40, 45 \rightarrow plus 4 : 39, 44, 49
 Multiples of 9 : 36, 45, \rightarrow plus 3 : 39, 48

Q23. $2046 \rightarrow 6138 \div 6 = 1023$, $6 - 4 = 2$, $1023 \times 2 = 2046$

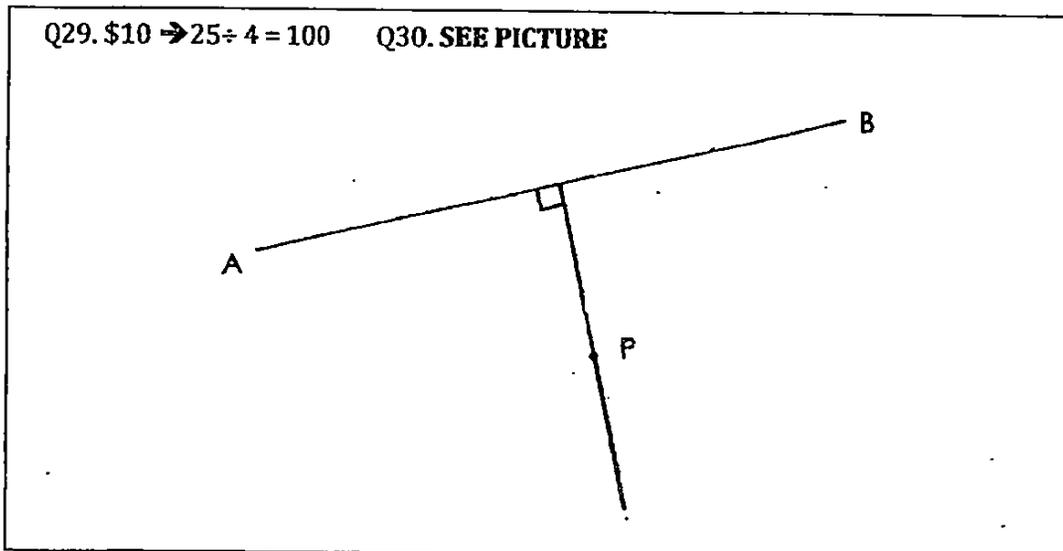
Q24. $3 \rightarrow \frac{3}{4} \times 12 = 9$, $12 \div 4 = 3$, $3 \times 3 = 9$, $9 - 6 = 3$

Q25. 2013 to 2014 Q26. 2012

Q27. \$5
 1 small cushion : \$4
 2 small cushions : \$8
 4 small cushions : \$16
 2 big cushions : \$10
 1 big cushion : \$5

Q28. $32 \rightarrow 56 \div 7 = 8$, $7 - 3 = 4$, $8 \times 4 = 32$

Q29. \$10 $\rightarrow 25 \div 4 = 100$ Q30. SEE PICTURE



Q1a. $60 \rightarrow 30 \times 2 = 60$ Q1b. $12 \rightarrow 60 \div 5 = 12$

Q2. $41.3\text{m} \rightarrow 49.5 \div 6 = 8.25, 8.25 \times 5 = 41.25, 41.25 \approx 41.3\text{m}$

Q3a. $\$34.25 \rightarrow 68.50 \div 2 = 34.25.$ Q3b. $\$137 \rightarrow 34.25 \times 2 = 137$

Q4. 37 years old $\rightarrow 29 \times 2 = 58, 58 + 5 = 63, 87 - 63 = 24, 24 \div 3 = 8, 8 + 29 = 37$

Q5a. $\$48 \rightarrow 7 - 4 = 3, \$144 \div 3 = 48$ Q5b. $\$336 \rightarrow \$48 \times 4 = 192, 192 + 144 = 336$

Q6. $2.65\text{kg} \rightarrow 0.6 \times 6 = 3.6, 3.85 - 3.6 = 0.25, 0.6 \times 4 = 2.4, 2.4 + 0.25 = 2.65$

Q7a. Mandy

$18 \div 3 = 6, 1.60 \times 6 = 9.60$ (Mandy)

$18 \div 6 = 3, 3.10 \times 3 = 9.30$ (Barney)

Q7b. $\$0.30 \rightarrow 9.60 - 9.30 = 0.30$

Q8. $5536 \ 1038 \div 3 = 346, 346 \times 16 = 5536$

Q9. 6

No. of friends	1	2	3	4	5	6
Multiples of 8	8	16	24	32	40	48
Plus 7	15	23	31	39	47	55
Multiples of 9	9	18	27	36	45	54
Plus 1	10	19	28	37	46	55

Q10a. $58 \rightarrow 9 \times 6 = 54, 54 + 4 = 58.$

Q10b. $20 \rightarrow 10 \times 2 = 20$

Q10c. $17 \rightarrow 106 - 4 = 102, 102 \div 6 = 17$

SINGAPORE CHINESE GIRLS' SCHOOL
SECOND SEMESTRAL ASSESSMENT 2015
PRIMARY 4
MATHEMATICS
BOOKLET A

Name _____ ()

Class : Primary 4 SY/C/G/SE/P

Parent's Signature

There are 15 questions in this booklet.
SECTION A

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

This question paper consists of 6 printed pages. (Inclusive of cover page)

Section A: (30 marks)

Questions 1 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. 14 thousands and 5 tens is the same as _____.

- (1) 1450
- (2) 14 005
- (3) 14 050
- (4) 14 500

2. 74 960 rounded off to the nearest hundred is _____.

- (1) 74 000
- (2) 75 000
- (3) 74 900
- (4) 75 960

3. Which of the following is a factor of both 36 and 60?

- (1) 4 and 5
- (2) 3 and 9
- (3) 6 and 15
- (4) 4 and 12

4. What is the missing number in the box?

$$6\frac{4}{9} = \frac{\square}{9}$$

- (1) 10
- (2) 24
- (3) 50
- (4) 58

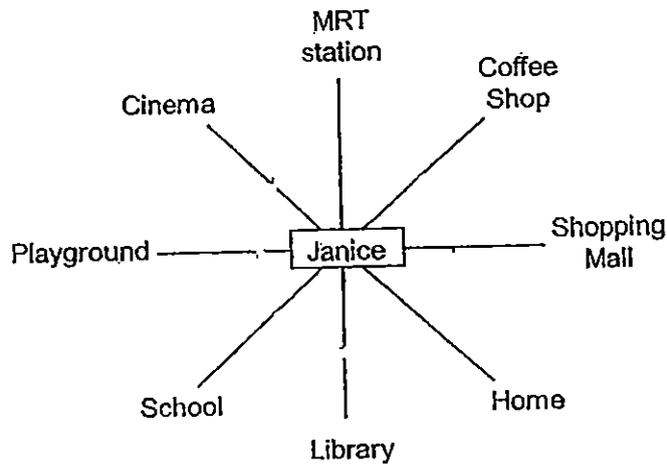
5. Express $6\frac{3}{20}$ as a decimal.

- (1) 6.32
- (2) 6.3
- (3) 6.15
- (4) 6.015

6. Round off 413.85 to 1 decimal place.

- (1) 413.0
- (2) 413.8
- (3) 413.9
- (4) 414.0

7. Janice is facing the coffee shop. She makes a 270° turn in a clockwise direction and then a 45° turn in an anti-clockwise direction. Where will she be facing now?

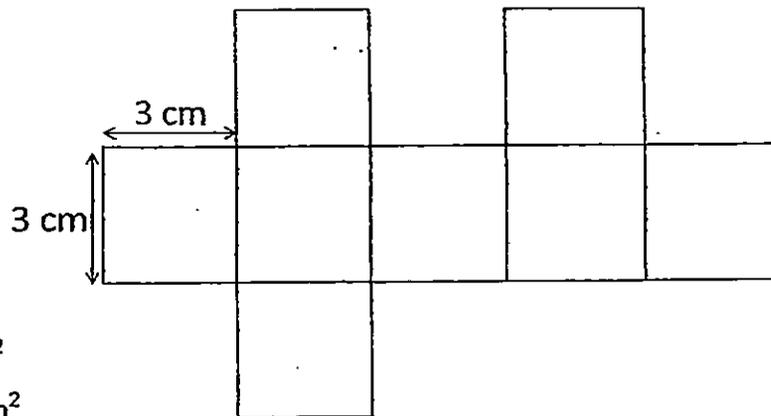


- 1) Cinema
- 2) Shopping Mall
- 3) MRT station
- 4) Playground

8. I am a number between 1 to 70. I am a multiple of 4 and 6. When I am divided by 5, there will be a remainder of 1.

- 1) 36
- 2) 42
- 3) 48
- 4) 66

9. The figure below is made up of 3-cm squares. What is the area of the figure?



- (1) 8 cm^2
- (2) 24 cm^2
- (3) 48 cm^2
- (4) 72 cm^2

10. 8 similar pizzas were shared equally among 5 children. What fraction of the pizzas did 2 children receive?

- (1) $\frac{5}{8}$
- (2) $1\frac{3}{5}$
- (3) $1\frac{1}{4}$
- (4) $3\frac{1}{5}$

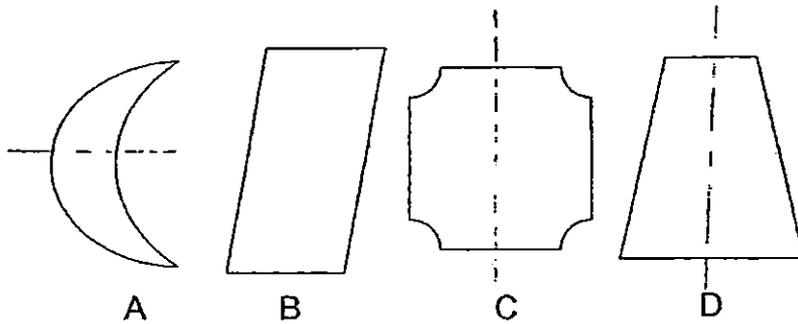
11. An exercise book cost twice as much as a file. Siti paid \$4.50 for 2 books and 1 file. Find the cost of 1 file.

- (1) \$0.90
- (2) \$1.50
- (3) \$1.80
- (4) \$3.00

12. Jeremy took a flight to Perth from Singapore and arrived at 05 30. If the journey took him 5 h 40min, at what time did the plane take off from Changi Airport?

- (1) 11 50
- (2) 11 10
- (3) 23 50
- (4) 23 10

13. Which of the following is not a symmetric figure?

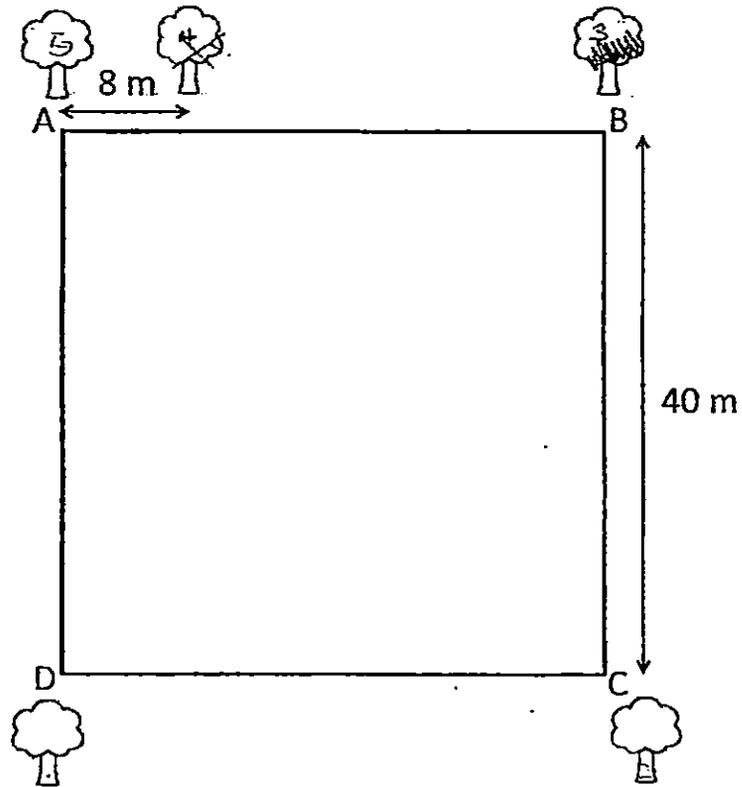


- 1) A
- 2) B
- 3) C
- 4) D

14. Stephanie has $2\frac{11}{12}$ m of ribbon. She has $1\frac{2}{3}$ m of ribbon less than Molly. What is the length of ribbon Molly has? Give your answer in its simplest form.

- 1) $1\frac{1}{4}$ m
- 2) $3\frac{7}{12}$ m
- 3) $3\frac{13}{15}$ m
- 4) $4\frac{7}{12}$ m

15. A square garden has a side of 40 m. An equal number of trees were planted on each side of the square. Each tree is 8m away from the next tree. One tree was already planted at points A, B, C and D of the square respectively. How many more trees must be planted?



- (1) 16
- (2) 20
- (3) 24
- (4) 28

End of Section A

SINGAPORE CHINESE GIRLS' SCHOOL
SECOND SEMESTRAL ASSESSMENT 2015
PRIMARY 4
MATHEMATICS
BOOKLET B

Name : _____ ()

Class : Primary 4 SY/C/G/SE/P

		Marks attained	Max Mark	Parent's Signature
Booklet A	Section A		30	
Booklet B	Section B		40	
	Section C		30	
Total			100	

There are 28 questions in this booklet.
SECTION B and C

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

This question paper consists of 13 printed pages. (Inclusive of cover page)

Section B: (40 marks)

Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

16. Fill in the blank with the correct number in the number pattern below.

3639 , 3929 , 4219 , _____ , 4799 , 5089

Ans: _____

17. Find the product of 1578 and 9.

Ans: _____

18. How many one-eighths are there in 2 wholes?

Ans: _____

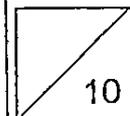
19. Find the value of $\frac{1}{2} - \frac{4}{12}$. Express your answer in its simplest form.

Ans: _____

20. Arrange the following fractions in descending order.

$\frac{3}{4}$, 0.7 , 0.707

Ans: _____ , _____ , _____



21. Find the value of 6.48×3 .

Do not write
in this column

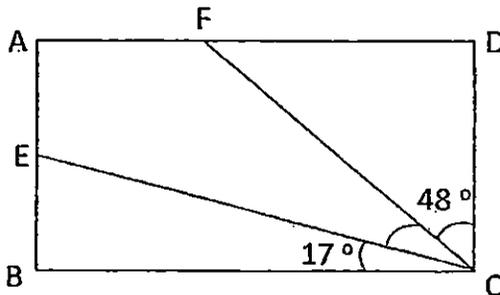
Ans: _____

22. Which two of the fractions below are smaller than $\frac{1}{2}$?

$$\frac{3}{5}, \frac{4}{9}, \frac{6}{7}, \frac{5}{11}$$

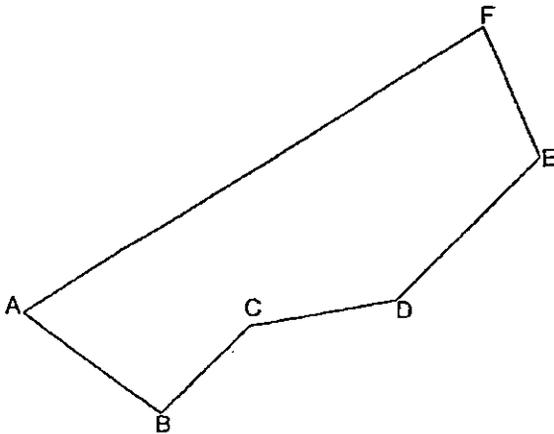
Ans: _____ and _____

23. In the figure shown, ABCD is a rectangle. Find $\angle FCE$.

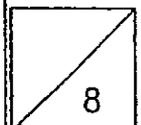


Ans: _____ °

24. Name the pair of parallel lines in the figure below.



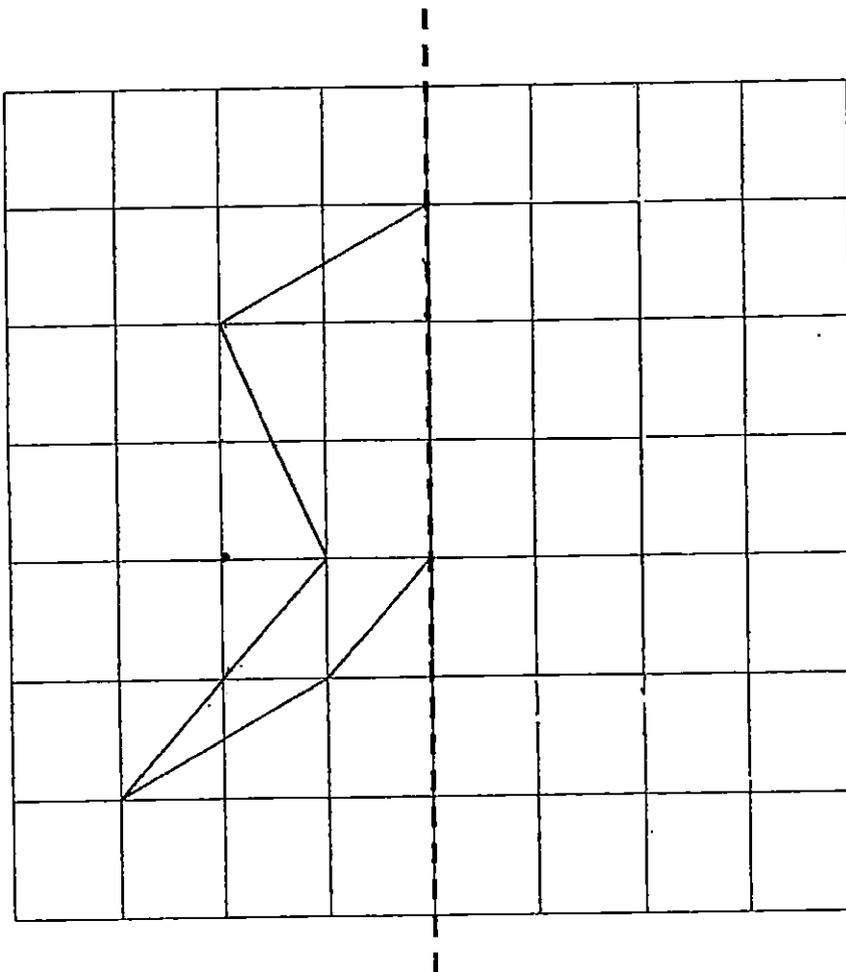
Ans: _____ // _____



25. Mrs Kumar baked some cookies. She sold $\frac{1}{4}$ the cookies in the morning and $\frac{1}{3}$ of the cookies in the afternoon. What fraction of the cookies was left?

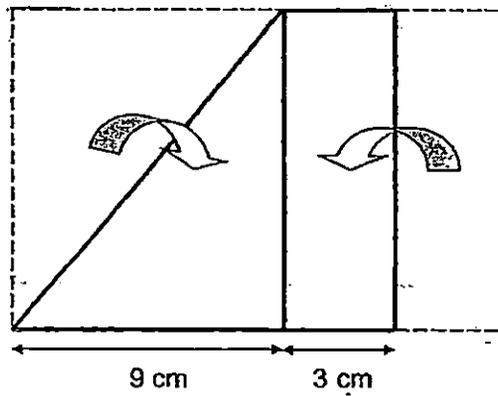
Ans: _____

26. Shade and complete the figure to form a symmetric shape along the dotted line.



27. A rectangular piece of paper was folded as shown below. Find the perimeter of the paper before it was folded.

Do not write
in this column



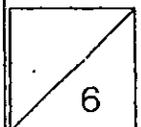
Ans: _____ cm

28. The total cost of 1 orange and 2 pears is \$2.40. The total cost of 3 oranges and 5 pears is \$6.30. Find the cost of 1 pear.

Ans: \$ _____

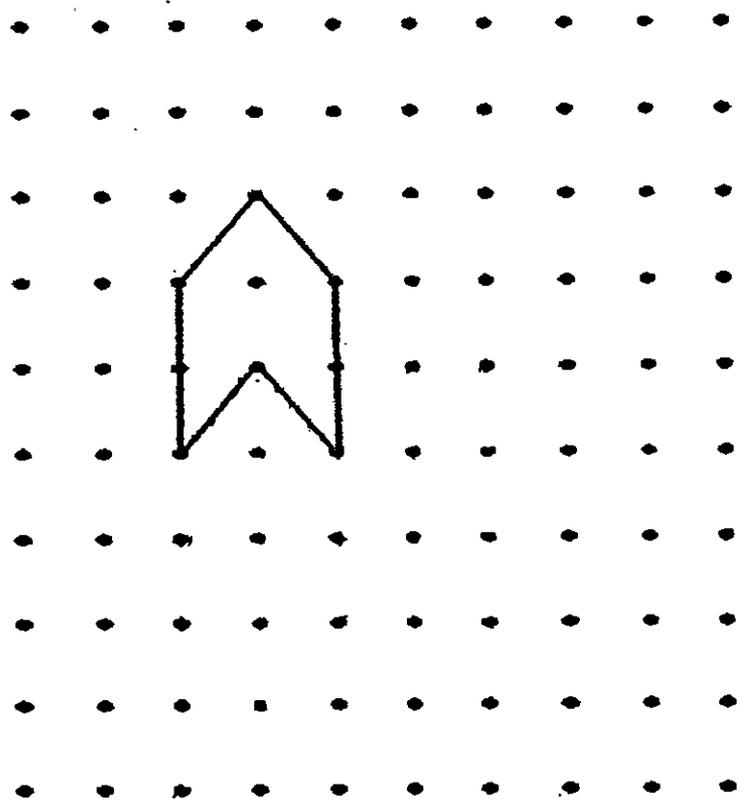
29. Mrs Wong baked 56 muffins. She sold $\frac{3}{7}$ of her muffins at \$2 each. How much did she collect from the sale of her muffins?

Ans: \$ _____



30. The pattern in the box shows part of a tessellation. Draw and shade 4 more unit shapes in the space provided:

Do not write
in this column

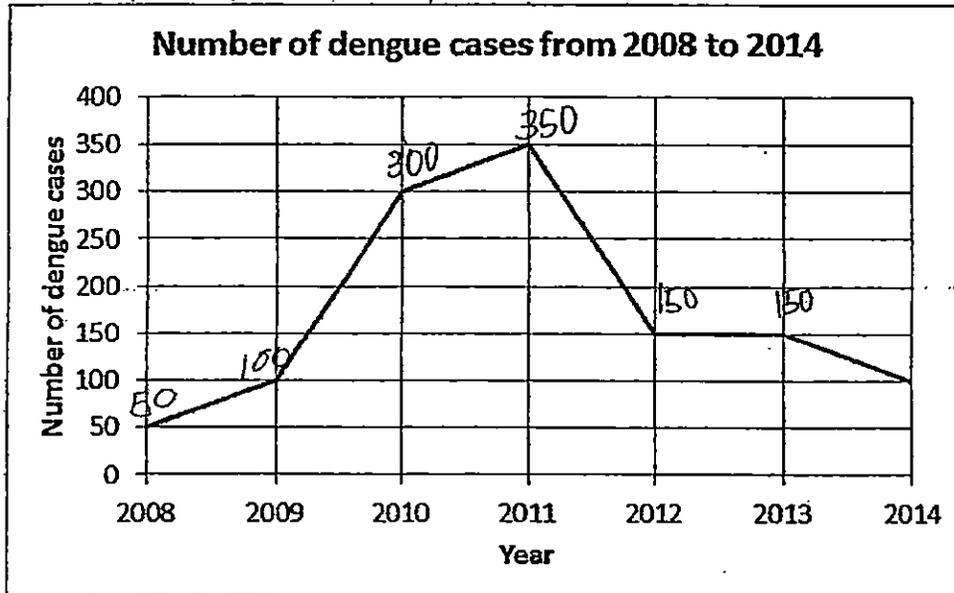


31. Draw and label $\angle BAC$ measuring 135° .



The graph shows the number of dengue cases from the year 2008 to 2014. Study the graph carefully and answer questions 32 and 33.

Do not write.
In this column



32. During which period is there a greatest increase in dengue cases?

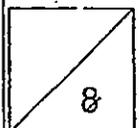
Ans: From _____ to _____

33. What is the total number of dengue cases from 2010 to 2013?

Ans: _____

34. Mdm Siti is 6 times as old as Amirah now. 5 years later, Mdm Siti will be 59. How old is Amirah now?

Ans: _____ years old



35. The number of marbles 5 boys have is shown in the table below.

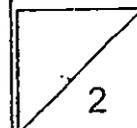
Do not write
in this column

Name	Number of marbles
Ahmad	25
Benjamin	?
Calvin	18
Daniel	?
Frank	37
Total number	176

Given that Daniel has $\frac{1}{3}$ the number of marbles Benjamin has, how many marbles does Daniel have?

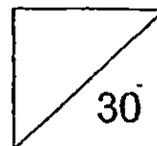
Ans: _____

End of Section B



Name : _____ ()

Class: Primary 4 SY / C / G / SE / P



Do not write
in this column

Section C: (30 marks)

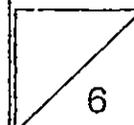
For questions 36 to 43, show your working clearly in the space provided for each question and write your answer in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

36. Andy has twice as much money as Bernice. Collin has \$48 more than Andy. They have a total of \$198. How much money does Bernice have?

Ans: _____ [3]

37. The mass of Box A is 10.15 kg. Box B is 2.37 kg heavier than Box A. Box C is 1.57kg lighter than Box B. What is the mass of Box C? Round off your answer to 1 decimal place

Ans: _____ [3]



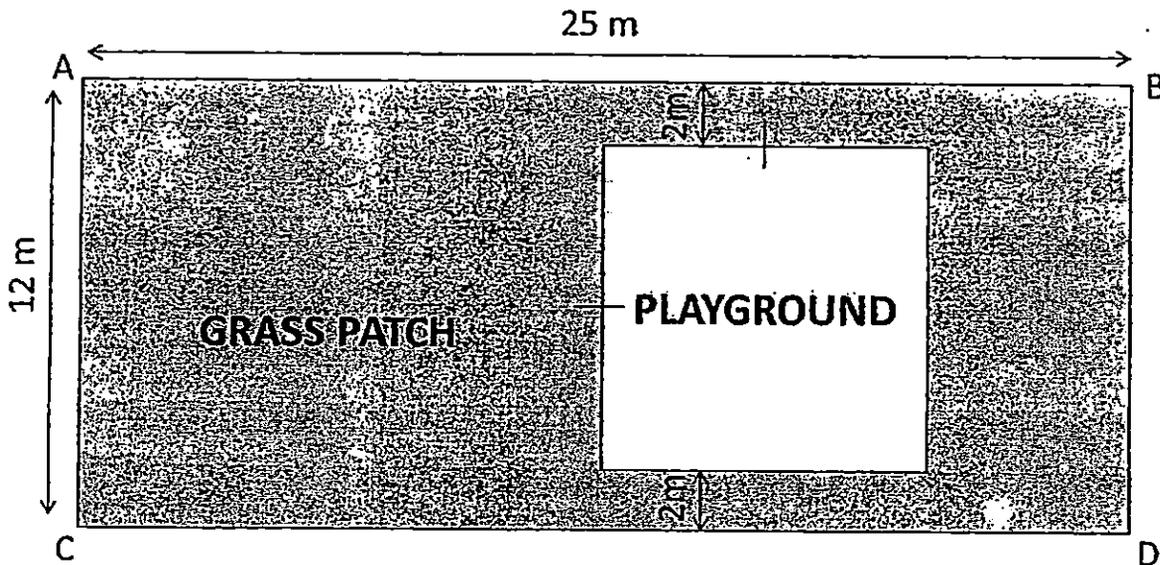
38. At a funfair, $\frac{1}{12}$ of the visitors are adults. $\frac{1}{2}$ of the visitors are boys and the rest are girls. There are 48 more girls than adults. How many visitors are there altogether?

Ans: _____ [4]

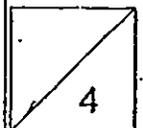
-
39. Aaron and Peter had 260 stamps altogether. After Aaron gave away 35 stamps and Peter gave away $\frac{1}{5}$ of his stamps, they had the same number of stamps left. How many stamps did Aaron have in the end?

40. ABCD is a rectangular plot of land with grass surrounding a playground. Find the area of the grass patch.

Do not write
in this column



Ans: _____ [4]



41. Sam had 8.5 kg of cherries more than Tommy. When Sam gave away 1.3kg of cherries, and Tommy gave away 0.9kg of cherries, Sam still had 4 times as much as Tommy. How many kilograms of cherries did Tommy have at first?

Ans: _____ [4]

-
42. Noelle has some money to buy some sweets. She will have \$9 left if she buys 12 packets of sweets. However, she will need \$15 more if she wants to buy 18 packets of sweets. How much money does Noelle have?

Ans: _____ [4]

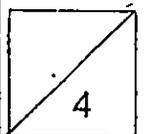
43. There are 50 questions in a quiz. For every correct answer given, Dillan was awarded 3 points. For every incorrect answer, 1 point was deducted. Dillan scored 94 points. How many questions did he answer correctly?

Do not write
in this column

_____ [4]

End of paper.

Please check your work.



EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : SINGAPORE CHINESE GIRLS' SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	4	4	3	3	4	1	4	4
Q11	Q12	Q13	Q14	Q15					
1	3	2	4	1					

Q16. 4509

Q17. 14 202

Q18. 16

Q19. 1 whole

Q20. $\frac{3}{4}$, 0.707, 0.7

Q21. 19.44

Q22. $\frac{4}{9}$ and $\frac{5}{11}$

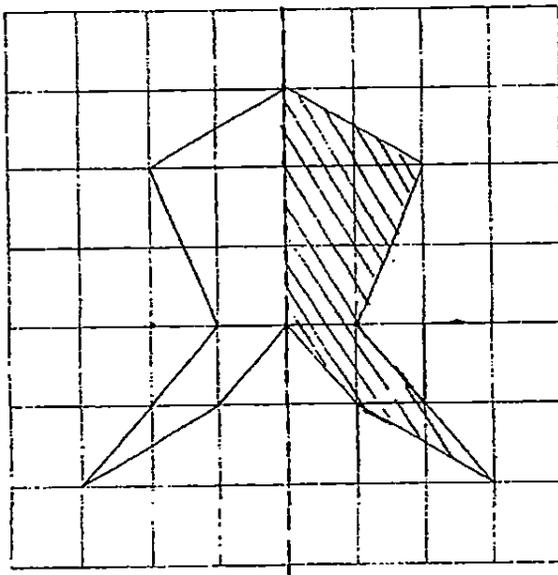
Q23. 25° $17+48=65$, $90 - 65 = 25$

Q24. CB // ED

Q25. $\frac{5}{12}$ left $\frac{12}{12} - \frac{7}{12} = \frac{5}{12}$

Q26. SEE PICTURE

Q26.



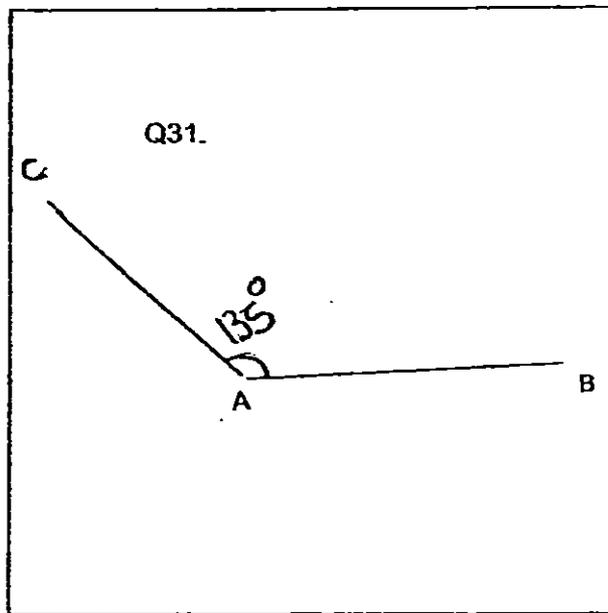
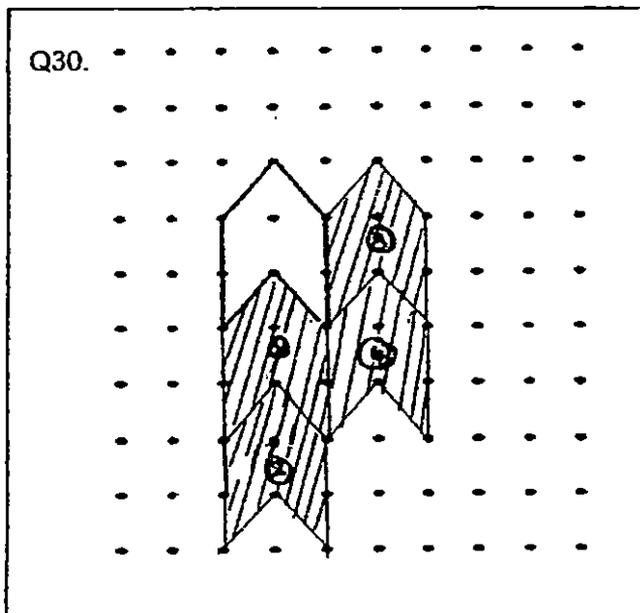
Q27. 48cm $\rightarrow 9 \times 4 = 36$, $3 \times 4 = 12$, $36 + 12 = 48$

Q28. \$0.90 $\rightarrow 1$ pear = $2.40 - 1.50 = 0.90$

Q29. \$48 $\rightarrow 56 \div 7 = 8$, $8 \times 3 = 24$, $24 \times 2 = 48$

Q30. SEE PICTURE

Q31. SEE PICTURE



Q32. From 2009 to 2010 Q33. $950 \rightarrow 300+350+150+150=950$

Q34. 9 years old $\rightarrow 59-5=54, 54 \div 6=9$

Q35. 24 marbles $\rightarrow 25 + 18+37 =80, 176 -80=96, 96 \div 4=24$

Q36. \$30 $\rightarrow 5u - 198 -48 = 150, 1u 150 \div 5=30$

Q37. 11kg $\rightarrow 10.15+2.37=12.52, 12.52-1.57=10.95 \approx 11$

Q38. 144 visitors $\rightarrow \frac{11}{12} - \frac{6}{12} = \frac{5}{12}, 48 \div 4=12, 12 \times 12 = 144$

Q39. 100 stamps $\rightarrow 9u \rightarrow 260 - 35, 1u \rightarrow 225 \div 9=25, 4u \rightarrow 25 \times 4 = 100$

Q40. $236m^2 \rightarrow 12 - 4 = 8, 8 \times 8=64, 25 \times 12 = 300, 300-64=236$

Q41. 36kg

$8.5kg - 13kg = 7.2kg$

$30 - 0.09kg + 7.2kg = 8.1kg$

$1u \rightarrow 8.1kg \div 3=2.7$

Tommy, at first - $2.7+0.9=36$

Q42. \$57

$18-12=6$

6 packets $\rightarrow 15+9=24$

1 packet $\rightarrow 24 \div 6=4$

Noelle, at first - $(4 \times 12) + 9 = 48 + 9=57$

Q43 36, $50 \times 1 =50, 94+50=144,$
 $144 \text{ divide by } 4 = 36$

THE END

403 / SA2 / 20

Name : _____ ()

Class : Primary 4 _____

CHIJ-ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics

2015 Semestral Assessment Two

Booklet A

27 October 2015

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 10 printed pages including the cover page.

Section A: (20 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

1. The value of the digit 4 in 84 391 is _____.

- 1) 40
- 2) 400
- 3) 4000
- 4) 40 000

2. Seventy-six thousand and forty-two in figures is _____.

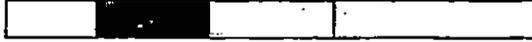
- 1) 76 420
- 2) 76 402
- 3) 76 042
- 4) 7642

3. How many one-sixths are there in 3 wholes?

- 1) $\frac{1}{2}$
- 2) 2
- 3) $\frac{1}{18}$
- 4) 18

4. Which one of the following has $\frac{1}{5}$ of the figure shaded?

1)



2)



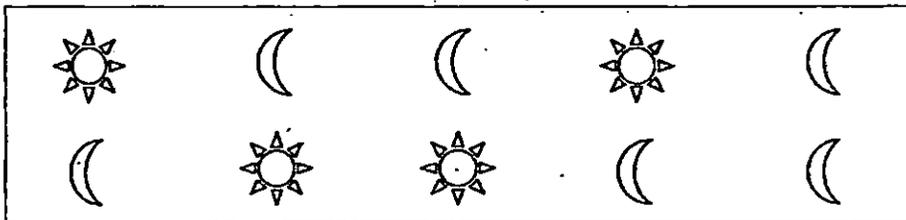
3)



4)



5. What fraction of the shapes are  ?



1) $\frac{3}{5}$

2) $\frac{6}{6}$

3) $\frac{2}{5}$

4) $\frac{2}{3}$

6. Write $3\frac{9}{25}$ as a decimal.

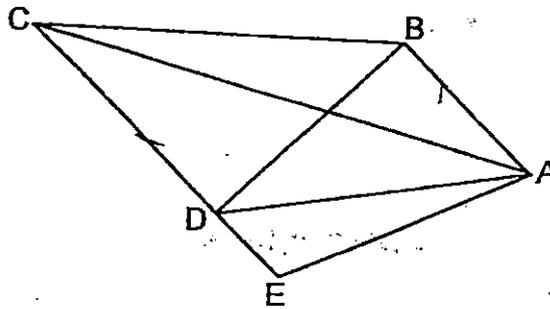
1) 3.9

2) 3.45

3) 3.36

4) 3.25

7. One of the lines in the figure is parallel to AB. Which line is parallel to AB?



1) EC

2) BC

3) AD

4) BD

8. Complete the following number pattern.

15 , 19 , 24 , _____ , _____ , 45 , 54

1) 27 , 31

2) 29 , 36

3) 28 , 33

4) 30 , 37

9. 29 hundreds and 40 tens is the same as _____.

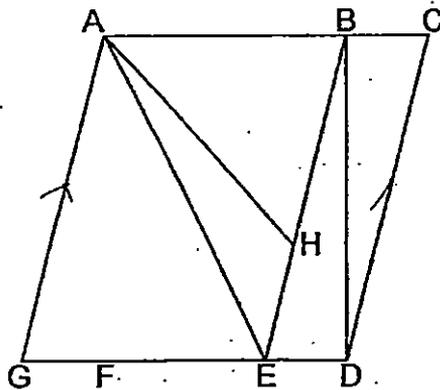
1) 2904

2) 2940

3) 3300

4) 4290

10. Look at the figure below. Which one of the following statements is false?



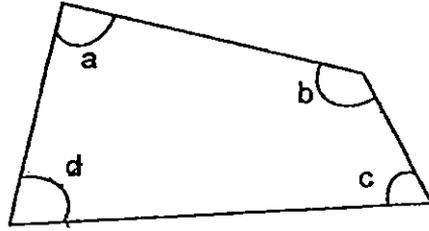
1) BD is perpendicular to DG.

2) AB is perpendicular to BE.

3) AG is parallel to CD.

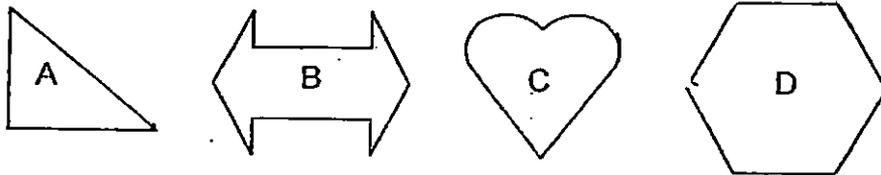
4) BE is parallel to AG.

11. In the figure below, which angle is a right angle?



- 1) $\angle a$
- 2) $\angle b$
- 3) $\angle c$
- 4) $\angle d$

12. Which of the shapes below **can** be tessellated?



- 1) A and C
- 2) A and D
- 3) B and C
- 4) B and D

13. $48 \times 36 = \underline{\hspace{2cm}} \times 9$

- 1) 192
- 2) 432
- 3) 1628
- 4) 1728

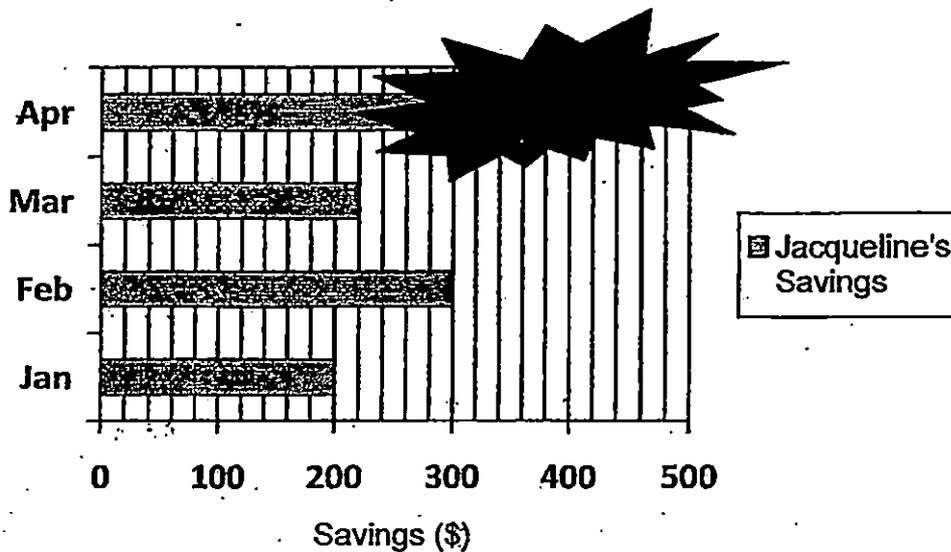
14. The duration of the movie "Dino World" was 2 hours 4 minutes. The movie started at 16 40. At what time did the movie end?

- 1) 18 44
- 2) 18 42
- 3) 18 40
- 4) 18 36

15. Queenie went for a party with her friends. She left home at 21 20 and returned home at 01 05 the next day. What was the total time that Queenie was out at the party?

- 1) 3 h 15 min
- 2) 3 h 45 min
- 3) 4 h 15 min
- 4) 4 h 45 min

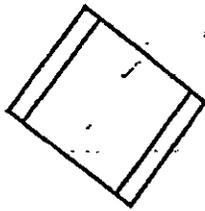
16. The graph below shows the amount of money Jacqueline saved in four months. She saved a total of \$1160.



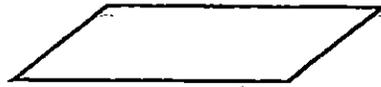
However, Jacqueline accidentally spilled water on her graph. How much did she save in April?

- 1) \$290
 - 2) \$380
 - 3) \$400
 - 4) \$440
17. Samuel had \$5.00. He bought a stapler with a two-dollar note, 2 twenty-cent coins and 3 five-cent coins. How much did he have left?
- 1) \$3.55
 - 2) \$2.45
 - 3) \$1.10
 - 4) \$0.65

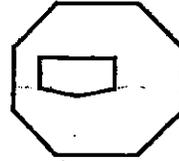
18. Which of the shapes below is symmetrical?



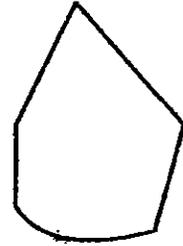
A



B



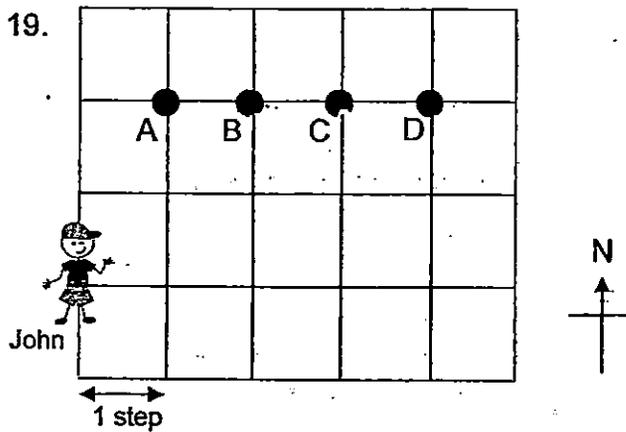
C



D

- 1) A
- 2) B
- 3) C
- 4) D

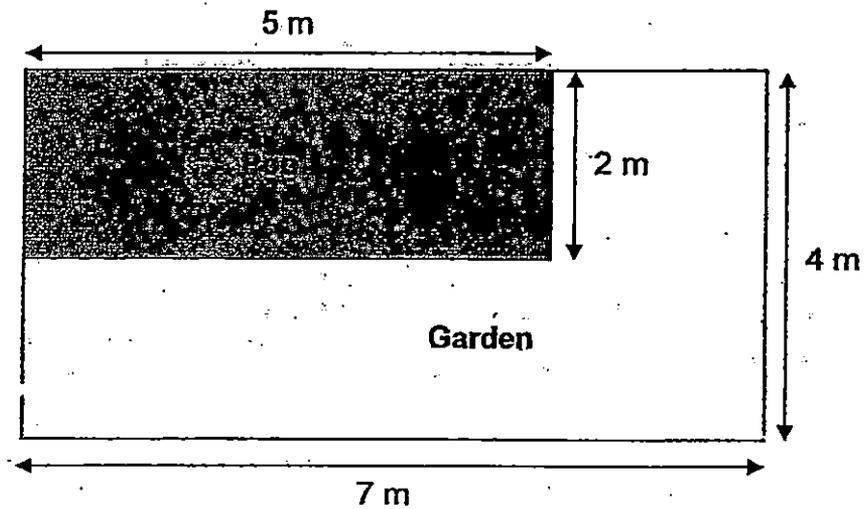
19.



John followed a treasure map given to him. From his starting position, he took three steps to the east. Then, he took one step to the north. He walked one step to the west and then, one final step to the north. He finally reached the treasure! Where was the treasure located?

- 1) A
- 2) B
- 3) C
- 4) D

20. Mr Huang decided to build a small pool measuring 5 m by 2 m in his garden. He decided to place it at a corner of his garden, which was 7 m long and 4 m wide. What was the area of the garden not covered by the pool?



- 1) 4 m^2
- 2) 10 m^2
- 3) 18 m^2
- 4) 28 m^2

****END OF BOOKLET A****

Name: _____ ()

Class : Primary 4 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics

2015 Semestral Assessment Two

Booklet B

27 October 2015

Booklet A :	/ 40
Booklet B :	/ 60
Total :	/ 100

Parent's/Guardian's Signature

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

This booklet consists of 15 printed pages including the cover page.

Section B: (20 x 2 marks)

Do not
write in
this
space.

Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

21. Round off 71 469 to the nearest hundred.

Ans : _____

22. What is the remainder when 1067 is divided by 7?

Ans : _____

23. Some factors of 42 are 1, 2, 3, 6, 7, and 42. What are the other two factors of 42?

Ans : _____ and _____



Do not write in this space.

24. What is the value of $\frac{3}{4} + \frac{5}{8}$?
Express your answer as a mixed number.

Ans : _____

25. What is the missing number in the box?

$$\frac{3}{6} = \frac{\boxed{?}}{18}$$

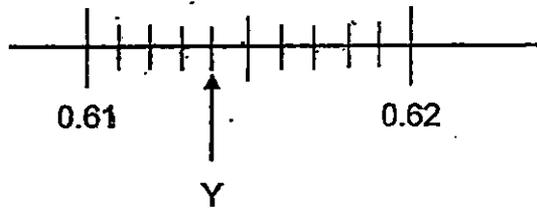
Ans : _____

26. Round off 25.49 to the nearest whole number.

Ans : _____



27. Write the decimal represented by Y.

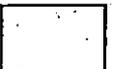


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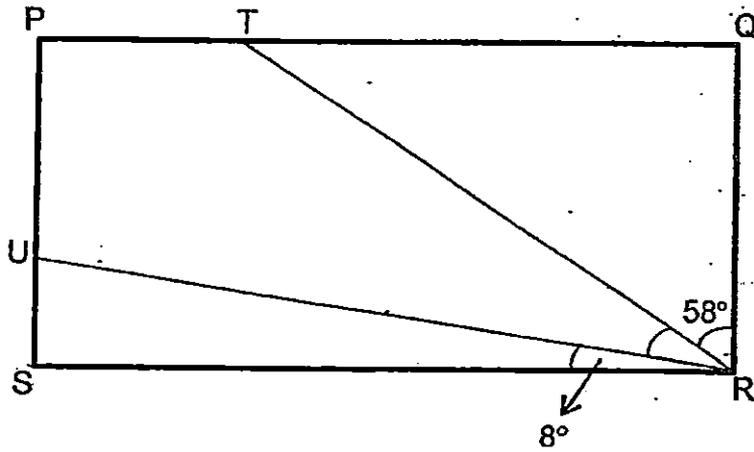
Ans : _____

28. Find the value of 4.89×6 .

Ans : _____



29. In the figure shown, PQRS is a rectangle. Find $\angle URT$.



Do not write in this space.

Ans: _____°

30. $11.42 = 11 + \frac{21}{\boxed{?}}$

The missing number in the box is _____.

Ans: _____



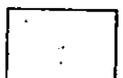
31. Mrs Tan has 24 pupils in her class. She wants them to work in groups for an activity. What is the total number of different ways that she can arrange her pupils, so that each group has the same number of pupils? (Note: no one is allowed to work individually)

Do not write in this space.

Ans : _____

32. Lucinda took a flight from Seoul to Singapore. When it was 07:00 in Seoul, it was 06:00 in Singapore. The flight was 7 hours 15 minutes long. When Lucinda landed in Singapore, the clock in the airport showed 18:05. What was the time in Seoul when Lucinda's flight departed? Express your answer using the 24-h clock.

Ans : _____



33. The table below shows the amount of time some pupils spent on track practices in a week.

Do not write in this space.

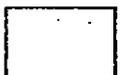
Name of Pupils	Time spent (h)
Nitha	9
Thomas	17
Kathy	15
Benson	8
Kewen	16
Timmy	12

- a) How many students spent more than 12 hours on their track practices in a week?

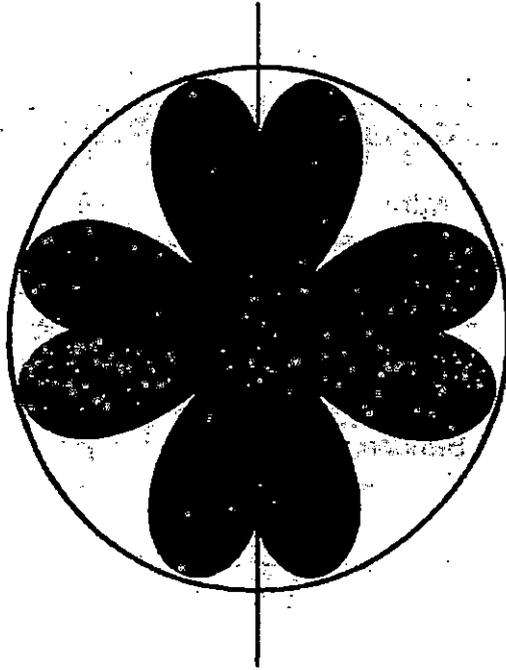
Ans : _____

- b) What is the total amount of time spent by the pupils on their track practices in a week?

Ans : _____ hours



34. The following is a symmetric figure. Draw a line to show the line of symmetry.



Do not
write
in this
space.

35. Lina put 120 eggs on some big trays and small trays. She put 6 eggs on each big tray and 4 eggs on each small tray. She used the same number of big trays and small trays. How many trays did Lina use altogether?

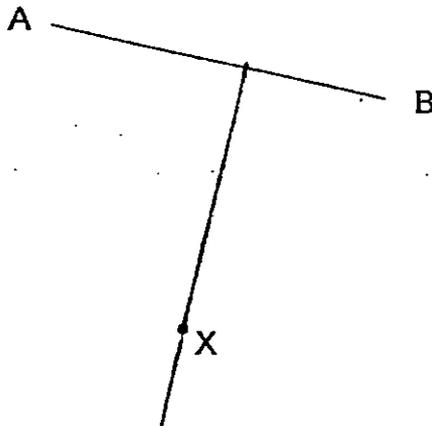
Ans : _____

36. There are 60 blue balls and 24 red balls in a basket. $\frac{2}{3}$ of the blue balls are dented. All the red balls are not dented. How many more red balls than blue balls are not dented?

Do not write in this space.

Ans : _____

37. Using a set-square, draw a line perpendicular to AB through the point X.

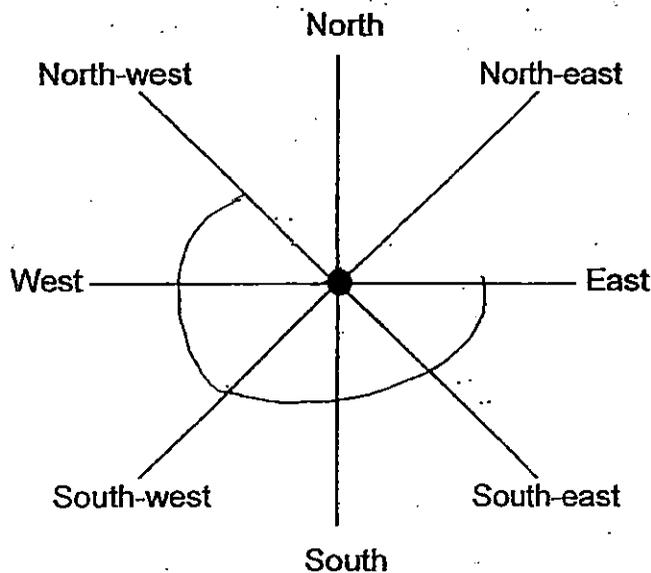


38. 2 similar packets of cherries cost \$7.90. How much do 8 such packets of cherries cost?

Do not write in this space.

Ans : \$ _____

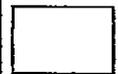
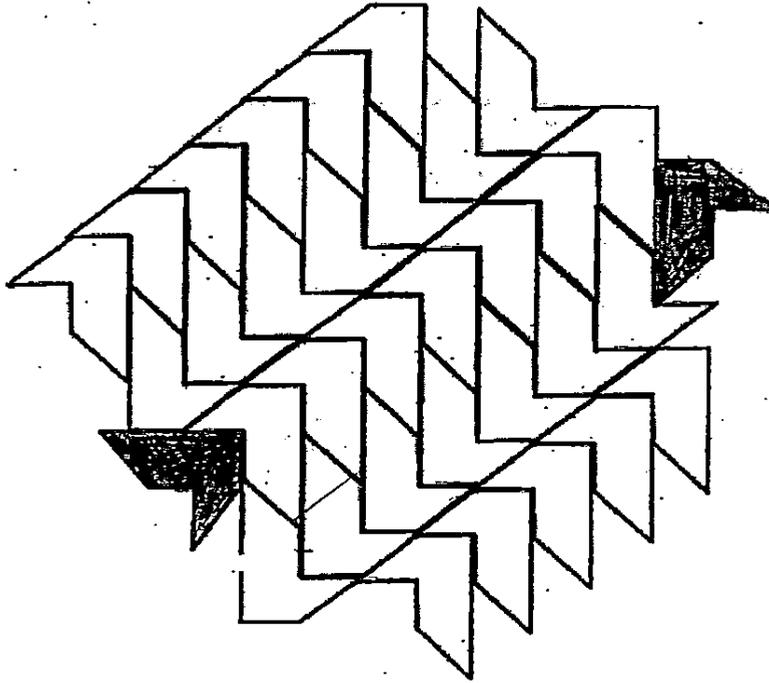
39. Flynn is facing north-west now. What is the angle that she must turn anti-clockwise to face east?



Ans : _____ °

10. The pattern below shows part of a tessellation.
Study the tessellation carefully.
Shade the two unit shapes that are tessellated incorrectly.

Do not
write
in this
space.



Section C: (20 marks)

Do not
write
in this
space.

Solve the following problems. All mathematical working and statements must be shown clearly.

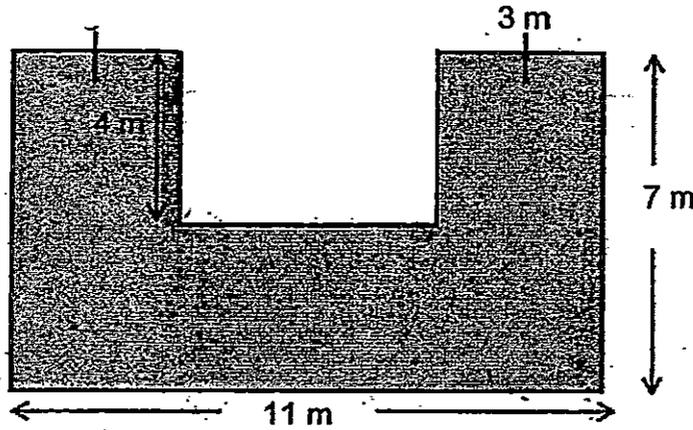
41. Ted baked 3129 muffins. He packed the muffins into 60 big boxes of 28 muffins each. Then he packed the remaining muffins into small boxes of 9 muffins each. How many small boxes of 9 muffins did Ted pack altogether?

Ans : _____ [3]

42. Josie bought a roll of pink cloth. She used 12 m of the cloth to make new curtains for her house. She had $\frac{1}{4}$ of the cloth left. How much cloth did she buy?

Ans : _____ [3]

43. Roy needs to fence up the plot of land as shown below. Every metre of fencing material costs \$3. How much does he need to pay to fence up the plot of land?
(All the lines meet at right angles)



Ans : _____ [3]

44. Yoshi prepared some fruit punch for his party. For the fruit punch, he put in 1.23ℓ of syrup and 4 times as much water as syrup. He then poured the fruit punch equally into 8 glasses. How much fruit punch were there in each glass? Round off your answer to 2 decimal places.

Ans : _____ [3]

Do not write in this space.

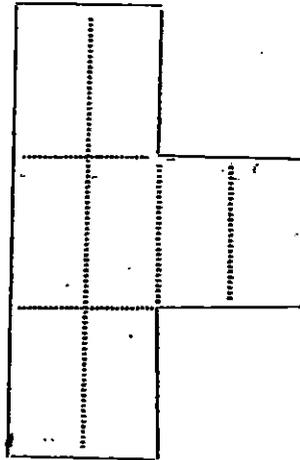
45. Mr Thio spent \$960. This was $\frac{4}{9}$ of his salary. Mrs Thio's salary was \$600 less than Mr Thio's salary. What was Mrs Thio's salary?

Do not write in this space.

Ans : _____ [4]



46. The figure below is made up of identical rectangles. The length of the rectangle is twice of its breadth. The area of the figure is 256 cm^2 . What is the perimeter of the figure?



Do not write in this space.

Ans : _____ [4]

EXAM PAPER 2015

LEVEL : PRIMARY 4

SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	4	3	1	3	1	4	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	2	1	1	2	4	1	1	2	3

Q21. 71500 Q22. 3 Q23. 21 and 14 → $42 \div 3 = 14$

Q24. $1\frac{3}{8}$ Q25. 9 Q26. 25 Q27. 0.614

Q28. $29.34 \rightarrow 4.89 \times 6 = 29.34$ Q29. $24^\circ \rightarrow 58+8=66, 90 - 66=24$

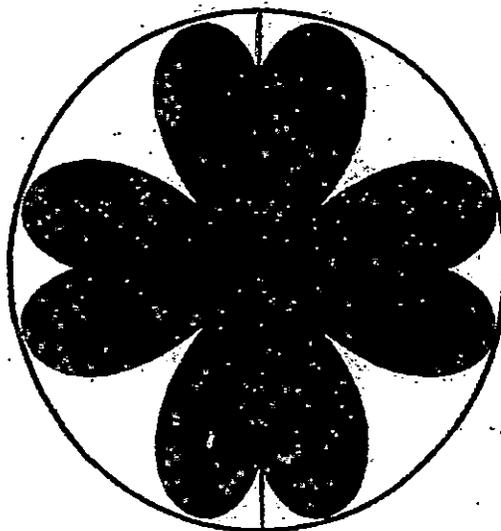
Q30. 50 Q31. 6 ways → $24 \div 4=6, 24 \div 6=4, 24 \div 3=8, 24 \div 8=3, 24 \div 2 = 12, 24 \div 12=2$

Q32. 1150 Q33a. 3 students

Q33b. 77 hours → $17+9 = 26, 15+8=23, 16+12=28, 28+26=54, 54+23=77$

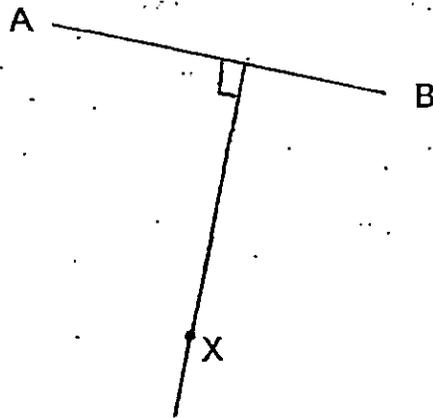
Q34. SEE PICTURE

Q35. 24 trays $6+4=10, 120 \div 10=12, 12 \times 2=24$



Q36. 4 red balls $20+20=40, 60-40=20, 24-20=4$

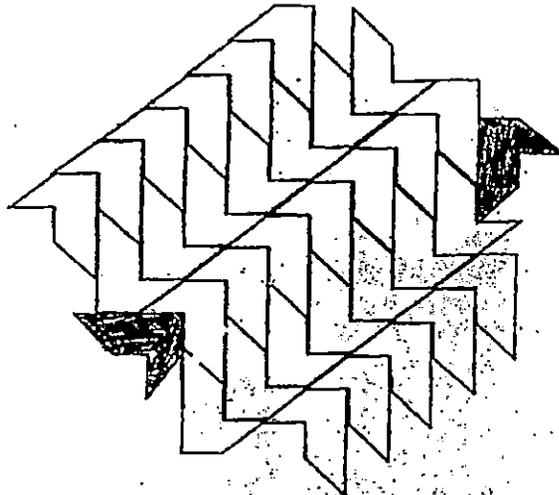
Q37. SEE PICTURE



Q38. $\$31.60 \div 2 = 15.80$, $15.80 \times 4 = 63.20$

Q39. 225°

Q40. SEE PICTURE



Q41. 161 small boxes $28 \times 60 = 1680$, $3129 - 1680 = 1449$, $1449 \div 9 = 161$

Q42. 16 metres $12 \div 3 = 4$, $4 \times 4 = 16$

Q43. $\$132$ $11 = 11 = 22$, $4 + 4 = 8$, $22 + 8 = 30$, $7 + 7 = 14$, $30 + 14 = 44$, $44 \times 3 = 132$

Q44. 0.77 litres $1.23 \times 4 = 4.92$, $4.92 \times 1.23 = 6.15$, $6.15 \div 8 \approx 0.788$, $0.768 \approx 0.77$

Q45. $\$1560$ $960 \div 4 = 240$, $240 \times 9 = 2160$, $2160 - 600 = 1560$

Q46. 80cm $256 \div 8 = 32$, Breadth 4cm, Length 8cm, $20 \times 4 = 80$

THE END