Revision Paper (Set 1) LA1
MATHEMATICS
PRIMARY FOUR

Name: _____ ( ) Class: Primary 4 ___

Date: _____ 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 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. 47 thousands and 19 tens is the same as _____.

   (1) 4 719

   (2) 47 019

   (3) 47 109

   (4) 47 190

2. Which of the following numbers when rounded off to the nearest ten becomes 78 400?

   (1) 78 357

   (2) 78 392

   (3) 78 404

   (4) 78 416

3. Which number below is 12.8 less than 479.65?

   (1) 466.85

   (2) 478.37

   (3) 480.93

   (4) 492.45

4. Arrange the following decimals from the greatest to the smallest.

6.93 , 9.306 , 6.903 , 9.63

(greatest) *(smallest)*

(1) 9.306 , 9.63 , 6.903 , 6.93

(2) 9.306 , 6.93 , 9.63 , 6.903

(3) 9.63 , 9.306 , 6.93 , 6.903

(4) 9.63 , 6.903 , 9.306 , 6.93

5. Write $12\frac{17}{50}$ as a decimal.

(1) 12.17

(2) 12.34

(3) 12.50

(4) 12.67

6. How many one-eighths are there in 6 wholes?

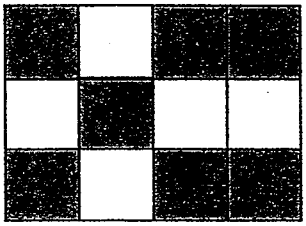
(1) 16

(2) 24

(3) 40

(4) 48

7. The figure shown is made up of identical squares. What fraction of the figure is shaded?



(1) $\frac{7}{5}$

(2) $\frac{5}{7}$

(3) $\frac{7}{12}$

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

8. Hannah baked 40 muffins. She sold $\frac{2}{5}$ of the muffins at \$3 each. How much money did she collect from the sale of those muffins?

(1) \$16

(2) \$24

(3) \$48

(4) \$72

9. A movie ended at 9.25 p.m. The duration of the movie was 125 min. What time did the movie start?

(1) 7.20 p.m.

(2) 8.00 p.m.

(3) 10.50 p.m.

(4) 11.30 p.m.

10. 0.87 is the same as _____.

(1) $8+\frac{7}{10}$

(2) $\frac{8}{10}+\frac{7}{10}$

(3) $\frac{8}{100}+\frac{7}{100}$

(4) $\frac{8}{10}+\frac{7}{100}$

11. A wire is bent into a square of area 36 cm^2. What is the length of the wire?

(1) 36 cm

(2) 24 cm

(3) 9 cm

(4) 6 cm

12. What is the least number of sweets that can be shared equally among 2, 3 or 4 children without any remainder?

(1) 12

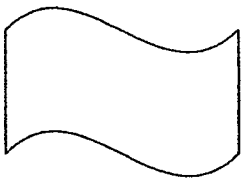
(2) 16

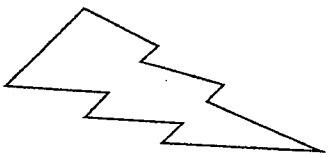
(3) 18

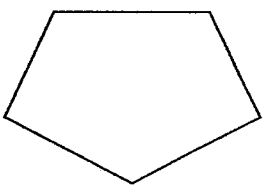
(4) 24

13. Which one of the following figures is symmetrical?

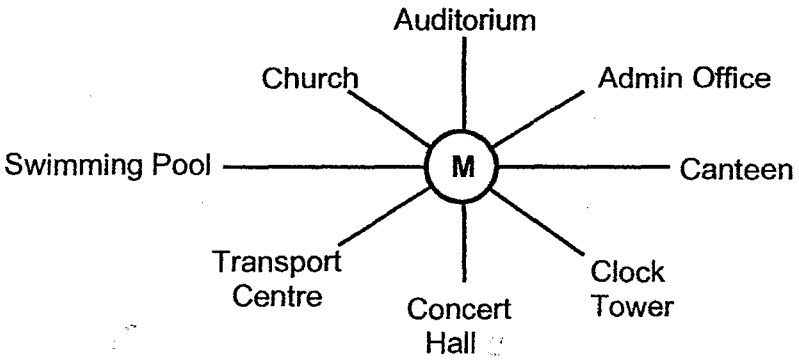
(1)

(2) 

(3) 

(4) 

14. Mindy is standing at the point marked **M** in the figure below. She is facing the transport centre. What will she face when she turns 135^0 anti-clockwise?



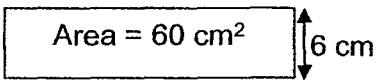
(1) Auditorium

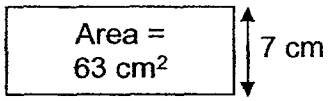
(2) Concert Hall

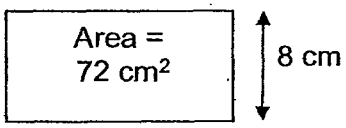
(3) Canteen

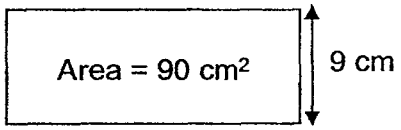
(4) Clock Tower

15. Which of the following rectangles has the largest perimeter?

(1) 

(2) 

(3) 

(4) 

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. Write the missing number in the number pattern below.

18 000, 17 200, _____, 15 600, 14 800, 14 000

Answer : _____

17. Some factors of 32 are 1, 2, 4 and 32. What are the other two factors of 32?

Answer : _____

18. What is the product of the 3rd multiple of 4 and the 5th multiple of 6?

Answer : _____

19. What is the remainder when 4 927 is divided by 8?

Answer : _____

20. Which two of the fractions below are smaller than $\frac{1}{2}$?

$$\frac{7}{8}, \frac{4}{9}, \frac{2}{4}, \frac{5}{12}$$

Answer : _____ and _____

21. Write $\frac{50}{8}$ as a mixed number in its simplest form.

Answer : _____

22. Find the value of $1-\frac{1}{8}-\frac{1}{4}$.

Answer : _____

23. $7.125 = 7\ \frac{1}{10}+\frac{\square}{50}+\frac{5}{1000}$. What is the missing number in the box?

Answer : _____

24. $8.7 - 0.96 =$ _____

Answer : _____

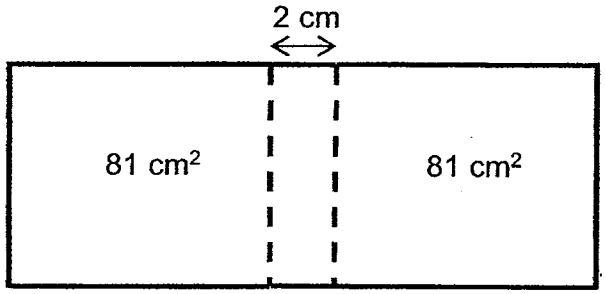
25. Find the value of 1.82×9.

Answer : _____

26. A basketball game at the outdoor court was supposed to start at 8.40 a.m. However the game was delayed due to heavy rain. If the entire game lasted for 45 min and ended at 10.15 a.m., how long was the game delayed?

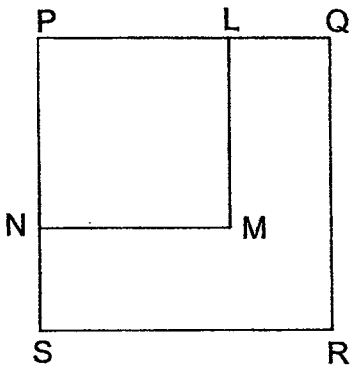
Answer : _____ min

27. The figure below is made up of 2 identical squares of area of 81 cm^2 each and a rectangle of breadth 2 cm. Find the perimeter of the whole figure.



Answer : _____ cm

28. In the figure below, the area of the bigger square PQRS is 64 cm^2. The area of the smaller square PLMN is 25 cm^2. Find the length of LQ.

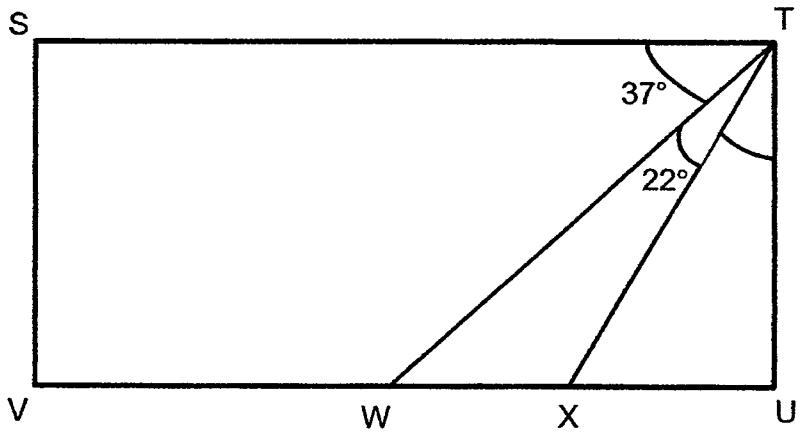


Answer : _____ cm

29. Dolly mixed 2 litres of apple syrup with 5 litres of water to fill up 8 similar jugs. How much apple drink was there in each jug?

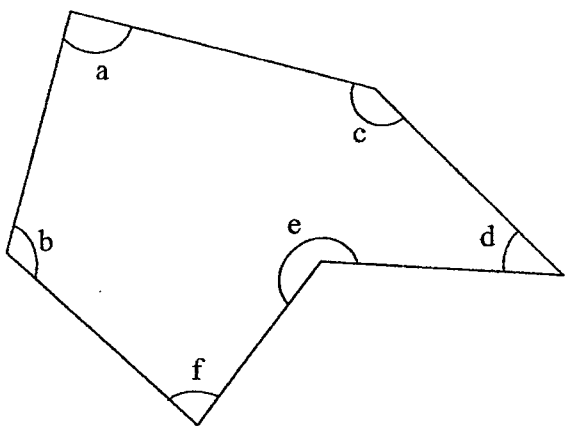
Answer : _____ litres

30. In the figure shown, STUV is a rectangle. Find $\angle$ UTX.



Answer : _____°

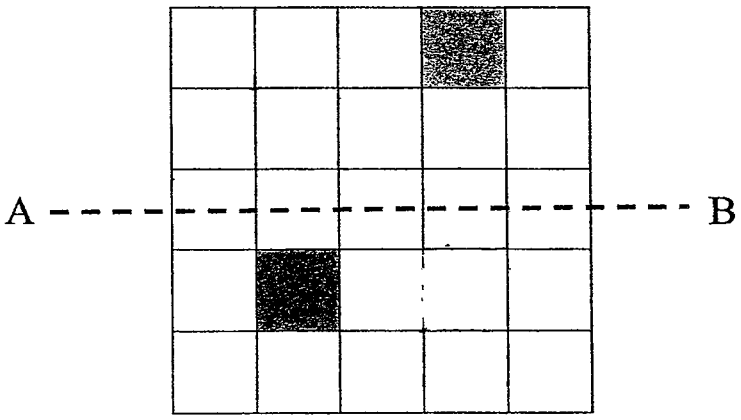
31. In the figure, one of the angles is a right angle. Name the angle.



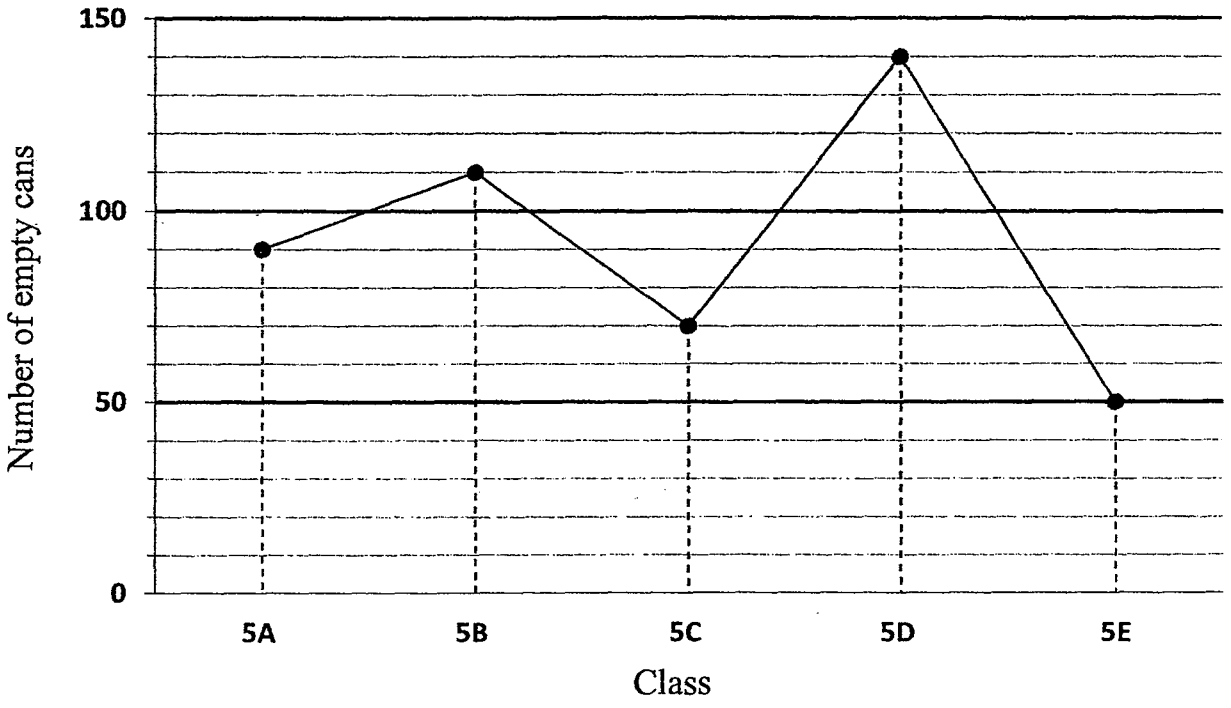
Answer : $\angle$ _____

32. In the figure below, the dotted line AB is the line of symmetry.

Shade <u>two</u> more unit squares on the figure below to complete the symmetric figure.



Study the graph below carefully and answer questions 33, 34 and 35. The graph below shows the number of empty cans collected by classes 5A, 5B, 5C, 5D and 5E for a recycling project.



33. How many more empty cans were collected by 5D than 5A?

Answer : _____

34. There were two classes that collected a total of 250 empty cans. Which are the two classes?

Answer : Class _____ and Class _____

35. Express the number of empty cans collected by class 5D as a fraction of the total number of empty cans collected by all classes. Give your answer in its simplest form.

Answer : _____

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. Barker Cake Shop baked 4 352 tarts. The tarts were packed into 70 large boxes of 29 tarts each and the rest into small boxes of 9 tarts each.

(a) How many tarts were packed into the large boxes?

(b) How many small boxes of 9 tarts were there?

Answer : (a) _____ [1]

(b) _____ [2]

37. At a stationery fair, Matthew bought 2 identical pencil cases and 3 identical marker pens for $21.10. Kelvin bought 4 identical pencil cases and 5 identical marker pens for $38.50. How much did 1 marker pen cost?

Answer : _____ [3]

38. Rachel took 1h 50min to complete her homework. Joel took 40 min longer to complete the same homework.

a) How long did Joel take to complete his homework? Give your answer in hours and minutes.

b) If Rachel completed her homework at 17 35, what time did she start doing her homework? Leave your answer in 12 h format.

Answer : (a) _____ [2]

(b) _____ [2]

39. Joseph had a collection of blue, green and yellow buttons. $\frac{1}{6}$ of the buttons were green, $\frac{2}{5}$ of the remaining buttons were yellow and the rest were blue.

a) What fraction of the buttons were blue? Give your answer in the simplest form.

b) If he had 36 yellow buttons, how many buttons did he have in all?

Answer : (a) _____ [1]

(b) _____ [3]

40. David had 73.5 kg of durians more than Jonathan. After Jonathan sold $\frac{2}{3}$ of his durians, David had 95.2 kg more durians than Jonathan. How many kilograms of durians did Jonathan have at first?

Answer : _____ [4]

41. Eve and Fiona had \$342 altogether. After Eve spent $\frac{1}{4}$ of her money and Fiona spent \$27, they had the same amount of money left. How much money did Eve have at first?

Answer : _____ [4]

42. David had 351 more stamps than Ethan. After he had given 54 stamps to Ethan, David has twice as many stamps as Ethan. How many stamps did David have at first?

Answer : _____ [4]

43. Christopher had $154 more than Ryan at first. After Christopher gave $262 to Ryan, Ryan had 3 times as much as Christopher. How much did they have altogether?

Ans: _____ [4]

End of Booklet B

ANSWER KEY

YEAR	:	2017
LEVEL	:	PRIMARY 4
SCHOOL	:	ANGLO-CHINESE (PRIMARY)
SUBJECT	:	MATHEMATICS
TERM	:	CA1

Booklet A

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

Booklet B

16) 16 400

17) 16 , 8

18) 360

19) 7

20) $\frac{4}{9}$ and $\frac{5}{12}$

21) $6\frac{1}{4}$

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

23) 1

24) 7.74

25) 16.38

26) 50 min

27) 58 cm

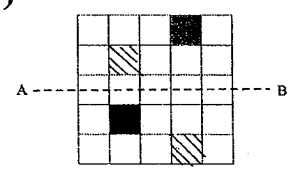
28) 3 cm

29) 0.875 litres

30) 31°

31) ∠a

32)



33) 50 empty cans

34) Class 5B and Class 5D

35) $\frac{7}{23}$

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36) (a) 70 x 29 ⇒ <u>2030 tarts</u>

(b) 4352 – 2030 = 2322
2322 ÷ 9 ⇒ <u>258 small boxes</u>

37) \$38.50 – \$21.10 = \$17.40
\$17.40 ÷ 2 = 8.70
\$8.70 x 4 = \$34.80
\$38.50 – \$34.80 ⇒ <u>\$3.70</u>

38) (a) 2h 30min

(b) 3:45 pm

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

(b) 2u → 36
1u → 36 ÷ 2 = 18
6u → 18 x 6 ⇒ <u>108 buttons</u>

40) 95.2 – 73.5 = 21.7
21.7 ÷ 2 = 10.85
10.85 x 3 ⇒ <u>32.55 kg</u>

41) \$342 – \$27 = \$315
\$315 ÷ 7 = \$45
\$45 x 4 ⇒ <u>\$180</u>

42) 351 – 54 = 297
297 + 351 ⇒ <u>648 stamps</u>

43) 2u = 108 + 262 = 370
1u = 370 ÷ 2 = 185
4u = 185 x 4 = 740
They have <u>\$740</u>.

End

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Topical Test 1
Mathematics
Primary 4

Name : _____ ( ) Total 40

Class : Pr 4 - _____ Duration: 55 min

Date : 2 March 2017 _____ Parent's Signature: _____

Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. This paper consists of 3 parts: Sections A, B and C.
3. Follow all instructions carefully.
4. Answer ALL the questions.
5. Check all answers carefully.

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

* This paper consists of 11 printed pages altogether (including the cover page).

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Section A (5 x 2 marks)
For questions 1 to 5, 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. Each question carries 2 marks.

---

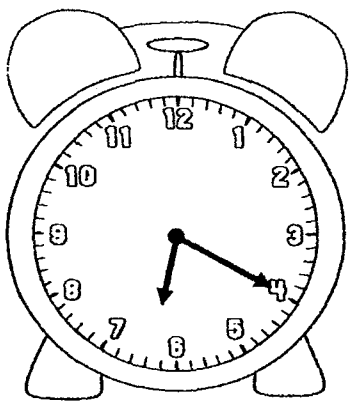
1. 50 000 + _____ + 5 = 55 005

   (1) 5
   (2) 50
   (3) 500
   (4) 5000 ( )

2. _____ is a common factor of 14 and 35.

   (1) 7
   (2) 2
   (3) 14
   (4) 35 ( )

3. Pamela sets her alarm clock to ring at _____ in the morning.



   (1) 4 minutes to 7
   (2) 20 minutes to 7
   (3) 4 minutes past 6
   (4) 20 minutes past 6 ( )

4. The table below shows the number of students living in flats with different number of rooms.

Number of rooms in a flat	2 rooms	3 rooms	4 rooms	5 rooms
Number of students	27	86	153	94

_____ students live in HDB flats with less than 4 rooms.

(1) 27
(2) 86
(3) 113
(4) 266 ( )

5. The table below shows the number of students going on a learning journey.

Class	Total number of students	Number of students present
4 A	38	37
4 B	40	40
4 C	40	38
4 D	41	36

How many students did not attend the learning journey?

(1) 8
(2) 151
(3) 159
(4) 4 ( )

(Go on to the next page)

Section B (4 x 1 mark, 5 x 2 marks)
For questions 6 to 14, 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, while questions 10 to 14 carry 2 marks each.

Do not write in this space

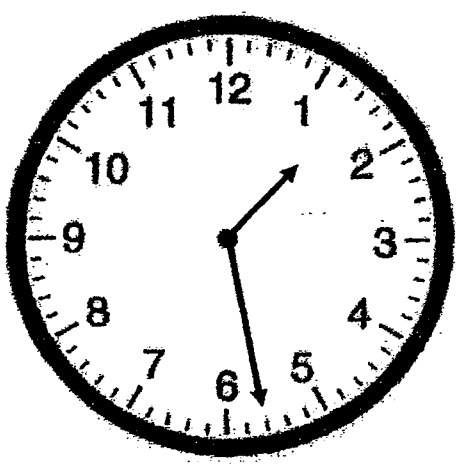
6. Write nineteen thousand and four in numerals.

Ans: [ ]

7. List down all the factors of 10.

Ans: [ ]

8. State the time shown on the clock.

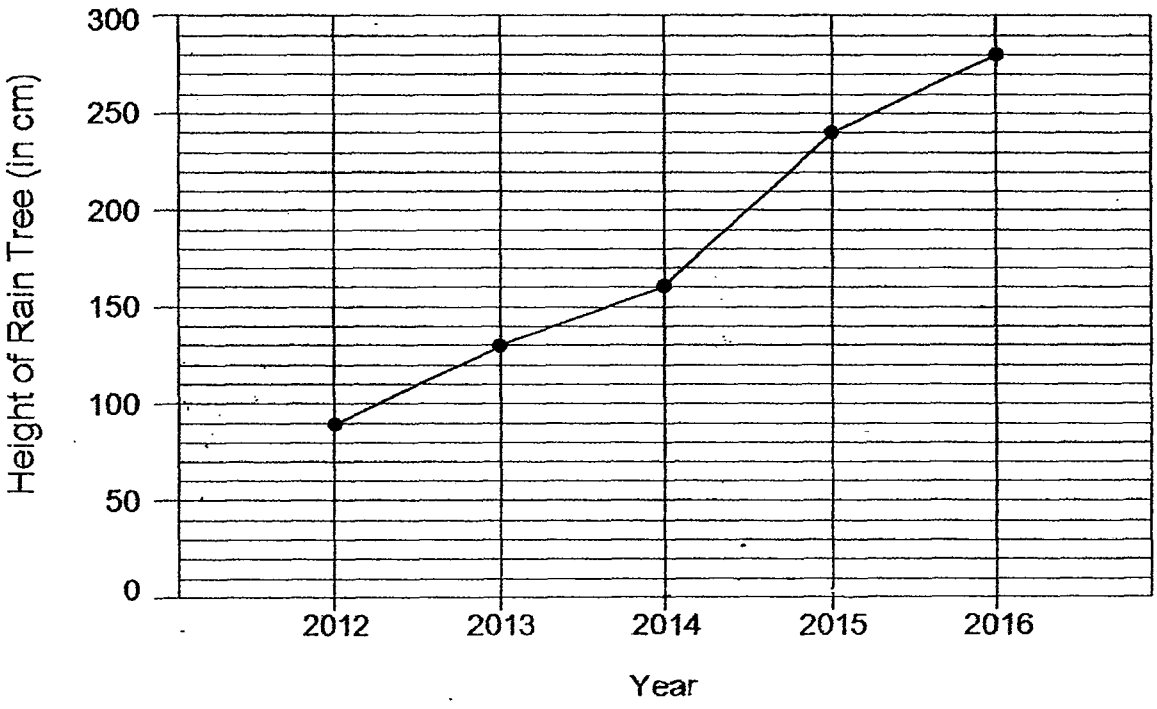


Ans: [ ] pm

(Go on to the next page)

The graph below shows the growth of a Rain Tree at the Botanic Gardens in the last 5 years. Study the graph below and answer questions 9 and 10.

Do not write in this space



9. What was the height of the Rain Tree in 2013?

Ans: _____ cm

10. How much did the Rain Tree grow from 2014 to 2015?

Ans: _____ cm

(Go on to the next page)

11. The first two common multiples of 4 and 6 is _____.

Do not write in this space

Ans: [ ]

12. Find the sum of 297 and 415. Round the answer to the nearest ten.

Ans: [ ]

13. 5500 ÷ 8 = _____

Ans: [ ]

(Go on to the next page)

14. Mr Mano bought 300 kg of flour for his prata stall.
In one trip, his trolley can carry 9 kg of flour.
How many trips will it take for him to carry all the flour to his stall?

Do not write in this space

Ans: [ ]

[ ]

(Go on to the next page)

Section C (4 x 4 marks)
Read the following questions carefully. Show your workings and write your answer clearly at the spaces provided at the end of each question.

15. Farah had some erasers. She gave 204 erasers to each of her 2 friends and had 176 erasers left. How many erasers did Farah have at first?

Do not write in this space

Ans: _____ [4]

(Go on to the next page)

16. Xavier, Yavin and Zachary share $297.

Yavin has twice as much money as Xavier.

Zachary has three times as much money as Yavin.

How much money does Zachary have?

Do not write in this space

Ans: _____ [4]

(Go on to the next page)

17. The cost of 4 pillows and 3 bolsters is $217.
A pillow costs $14 lesser than a bolster.
What is the cost of 1 pillow?

Do not write in this space

Ans: _____ [4]

(Go on to the next page)

18. Mr Wijaya bought a packet of chocolates for his class.
The number of chocolates in the packet is more than 35 but fewer than 50.
The chocolates can be shared among 3, 6 or 7 students equally without any remainder. How many chocolates are there in the packet?

Do not write in this space

Ans: _____ [4]

End of paper

ANSWER KEY

YEAR: 2017
LEVEL: PRIMARY 4
SCHOOL: ROSYTH SCHOOL
SUBJECT: MATHEMATICS
TERM: TOPICAL TEST 1

Section A

Q1	Q2	Q3	Q4	Q5
4	1	4	3	1

Section B

Q6. 19004 **Q7. 1,2,5 and 10** **Q8. 1.28 p.m.**

Q9. 130cm **Q10. 80cm** **Q11. 12 and 24**

Q12. 710 **Q13. 687 R4** **Q14. 34 trips**

Section C

Q15. (584)

204×2=408

408+76=584

Q16. (19)

297÷9=33

33×6=198

Q17. (25)

14×3=42

217-42=175

175÷7=25

Q18. 3 is a factor of 6,

∴ 6×7=42

Since 42 is more than 35,
and less than 50,
Ans = 42

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Name: _____ ( )

Class : Primary 4 _____

Primary 4 Mathematics

2017 SA1 Revision (CA1)

Set A

Booklet A

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 11 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. Twenty-two thousand and nineteen in numerals is _____.

   1) 2219

   2) 22 019

   3) 22 190

   4) 22 910

2. 64 thousands and 7 tens is the same as _____ .

   1) 647

   2) 6470

   3) 64 070

   4) 64 700

3. The difference between the total value of the digit 3 and 8 in 40 382 is _____.

   1) 220

   2) 292

   3) 2200

   4) 2992

4. What is the missing number in the pattern below?

63 650, ☐ , 64 250, 64 550, 64 850

1) 63 850
2) 63 950
3) 64 050
4) 64 150

5. Which of the following numbers when rounded to the nearest ten becomes 75 000?

1) 74 935
2) 74 995
3) 75 094
4) 75 134

6. Which one of the following has the least number of factors?

1) 9
2) 12
3) 13
4) 18

7. Which of the following is **not** a multiple of both 4 and 6?

1) 24

2) 36

3) 60

4) 78

8. Find the product of 3864 and 7.

1) 27 048

2) 27 044

3) 25 588

4) 21 628

9. Between the numbers 23 and 33, how many times does the digit 2 appear?

1) 7

2) 8

3) 10

4) 20

10. What is the missing number in the box?

$3807 \div 3 = \square$

1) 126

2) 129

3) 1268

4) 1269

11. When a number is divided by 4, the quotient is 616 and the remainder is 1. What is the number?

1) 104

2) 154

3) 2464

4) 2465

12. A number, when rounded off to the nearest hundred, is 4200. What is the **greatest** possible value of this number?

1) 4149

2) 4193

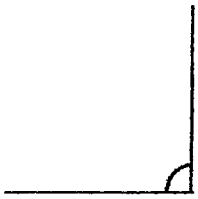
3) 4249

4) 4257

13. Which angle is the closest estimate to 165°?

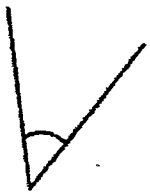
(1)

(2)



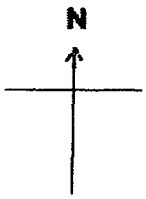
(3)

(4)



14. George is facing north-west. He turns 225° anti-clockwise.

Which direction will he be facing?



1) North

2) South

3) East

4) West

15. The difference between two numbers is 40. The sum of these two numbers is 100. What is the value of the smaller number?

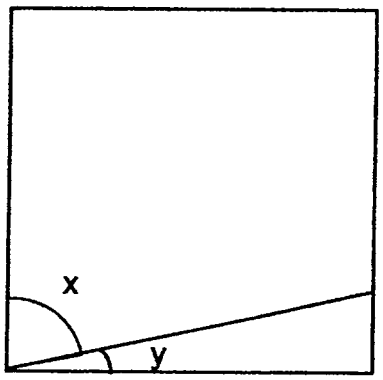
1) 30

2) 60

3) 70

4) 140

16. ABCD is a square. $\angle x$ is 75°. Find the difference between $\angle x$ and $\angle y$.



1) 15°

2) 30°

3) 45°

4) 60°

17. A $\frac{3}{4}$ turn is _____ °.

1) 90

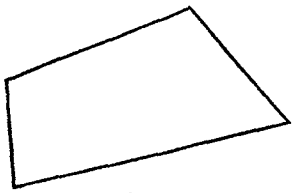
2) 180

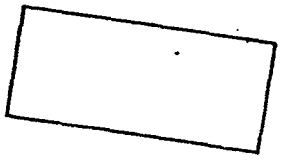
3) 270

4) 360

18. Which of the following figures shows a rectangle?

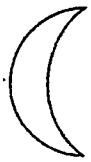
1)

2) 

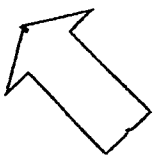
3) 

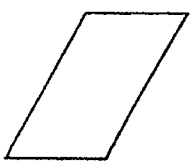
4)

19. Which of the following is **not** a symmetrical figure?

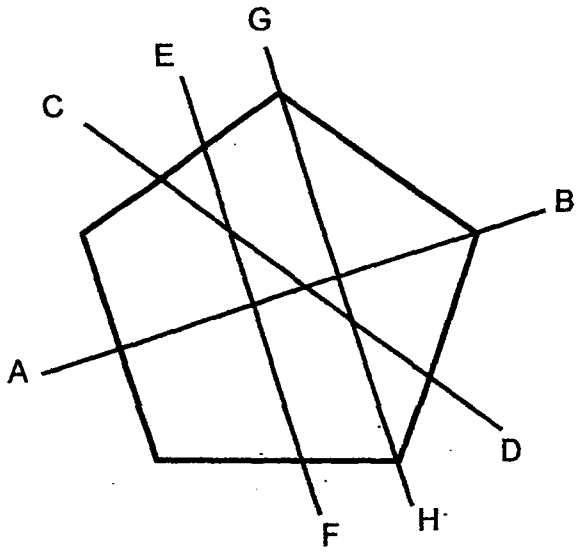
1) 

2)

3) 

4) 

20. Study the figure below. All the sides of the five-sided figures are equal. Which is the correct line of symmetry?



1) AB

2) CD

3) EF

4) GH

- END OF BOOKLET A -

Name: _____ ( )

Class : Primary 4 _____

Primary 4 Mathematics

2017 SA1 Revision

Set A

Booklet B

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 **16** printed pages including the cover page.

Section B: (20 x 2 marks)

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

Do not write in this space

21. 3009 - 542 = ☐

Ans : _____

22. Use the following cards below to form the smallest 4-digit odd number. Each card can only be used once.

7	0	6	2

Ans : _____

23. Melissa used 86 beads to string a necklace. How many beads did she use to string 20 similar necklaces?

Ans : _____

24. What is the sum of the 5th multiple of 6 and the 3rd multiple of 8?

Do not write in this space

Ans : _____

25. A number is a common factor of 21 and 28. The number is more than 5. What is the number?

Ans : _____

26. 40 children attending a birthday party were made to queue up in a single file when entering the function room. Every 4th pupil in the queue received a pencil and every 6th pupil in the queue received an eraser. How many pupils received both a pencil and an eraser?

Ans : _____

27. Mary spends $1395 each month. Sumithi spends 6 times as much as Mary. How much do Sumithi and Mary spend altogether each month?

Do not write in this space

Ans : $_____

28. What is the remainder when 6053 is divided by 8?

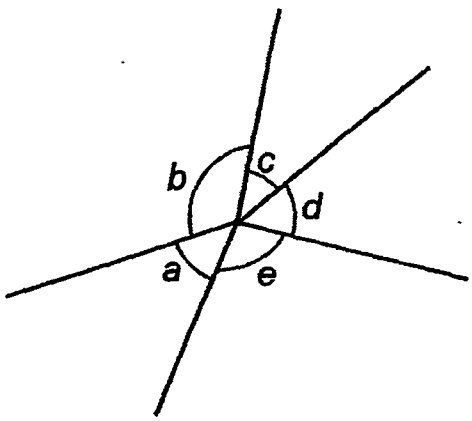
Ans : _____

29. Shannon has 182 sweets. She packs them into party bags to distribute to her friends. Each party bag can hold at most 5 sweets. What is the least number of party bags needed for her to pack all the sweets?

Do not write in this space

Ans : _____

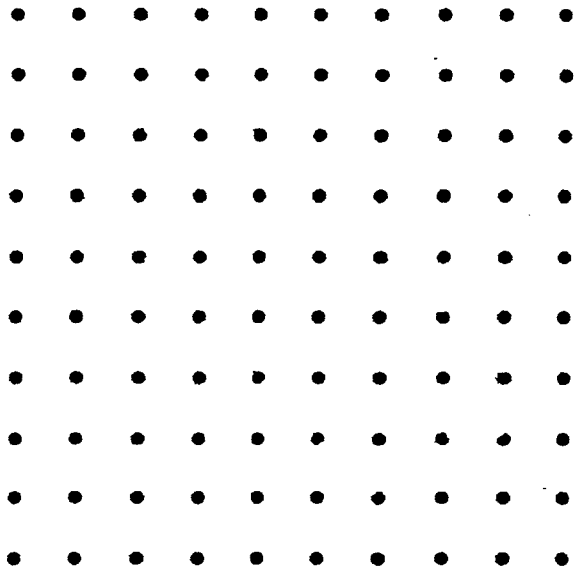
30. In the figure, name the two angles that are greater than 90°



Ans : ∠ _____ and ∠ _____

Do not write in this space

31. Complete the drawing of a rectangle using the dotted grid below.



32. 3 soft toys cost $8. Mdm Ang bought 42 soft toys for her students. How much did she pay altogether?

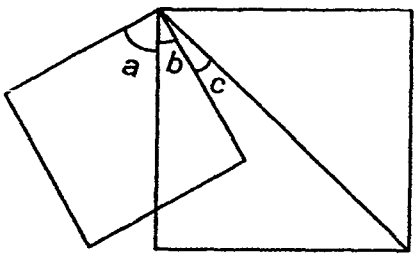
Ans : _____

33. Ben has 3 286 guppies and Charles has 1 052 guppies. How many guppies must Ben give to Charles so that they will have the same number of guppies?

Do not write in this space

Ans : _____

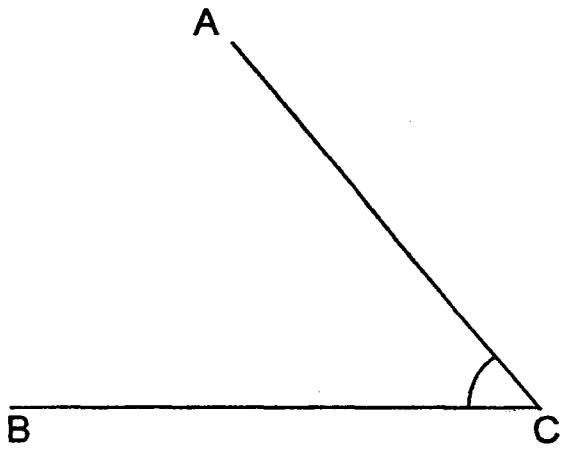
34. The figure below is not drawn to scale. It is made up of 2 squares. ∠a is twice of ∠b. Find ∠c.



Ans : _____ °

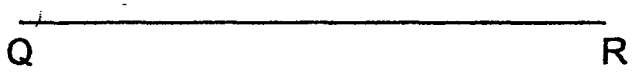
35. Measure and write down the size of $\angle ACB$.

Do not write in this space



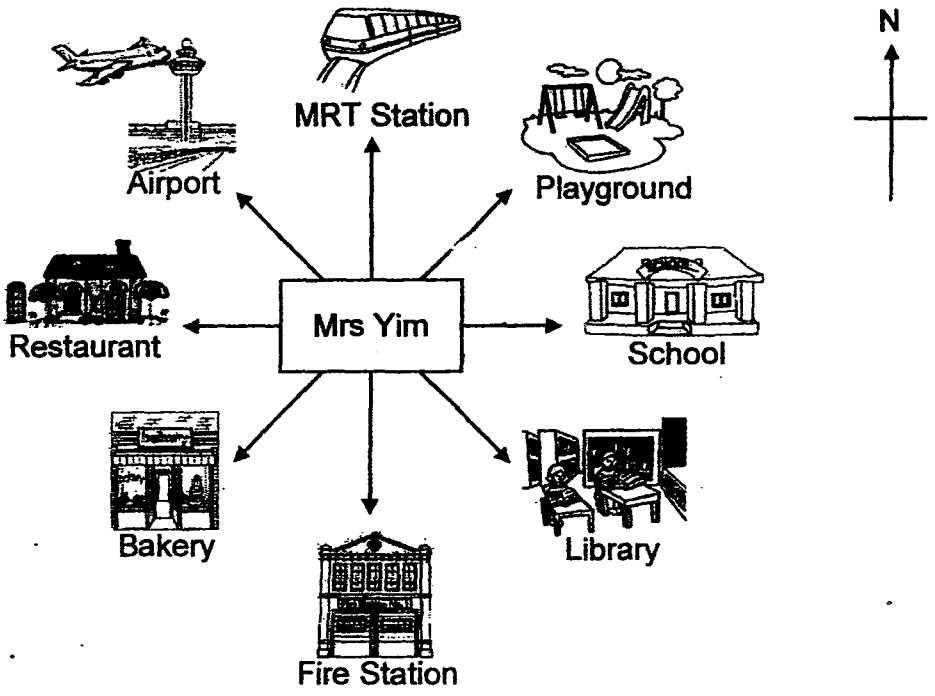
Ans : _____°

36. Complete $\angle PQR = 95°$ with the given line QR. Mark and label the angle.



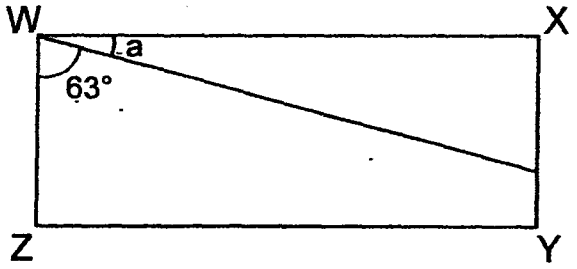
37. Mrs Yim was facing north. She turned 225° **clockwise**. Which place would she be facing?

Do not write in this space



Ans : _____

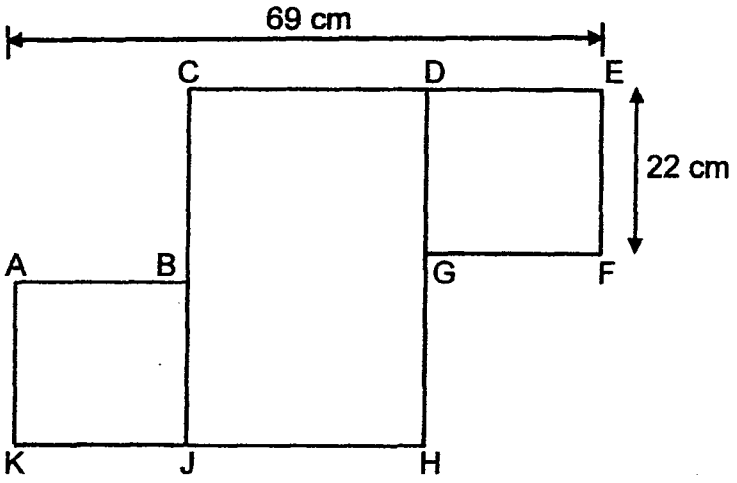
38. In the figure, WXYZ is a rectangle. Find ∠a.



Ans : _____ °

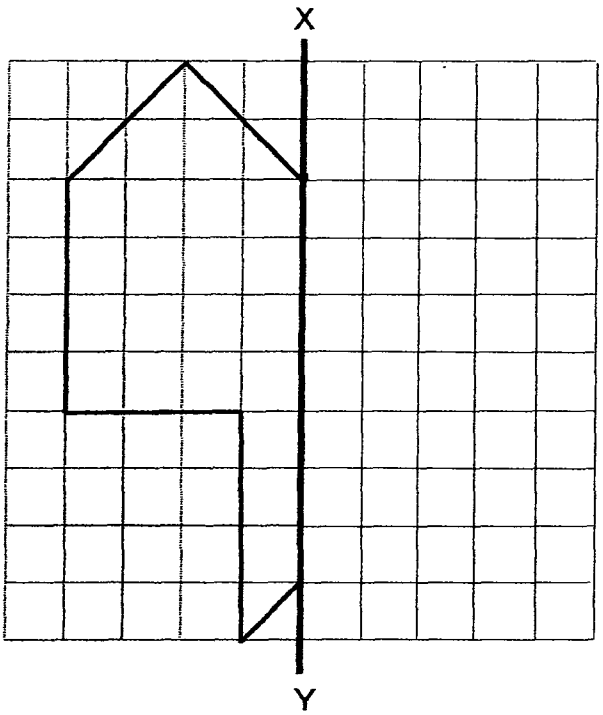
39. The figure below, not drawn to scale, is made up of 2 similar squares, ABJK and DEFG, and a rectangle CDHJ. Find the length of JH.

Do not write in this space



Ans : _____ cm

40. XY is the line of symmetry. Complete the symmetric figure on the square grid below.



Section C: (20 marks)

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

Do not write in this space

41. Bianca had twice as many buttons as Candice at first. After Bianca bought another 40 buttons, she had 7 times as many buttons as Candice. How many buttons did Bianca have at first?

Ans : _____ [3]

42. Mei Qin bought 36 boxes of oranges to sell at a carnival. Each box contained 120 oranges. She sold 2453 oranges in the morning. How many oranges did Mei Qin have left?

Do not write in this space

Ans : _____ [3]

Do not write in this space

43. Study the figures below.

(a) How many sticks are needed to form Figure 11?

(b) Which figure would have 205 sticks?

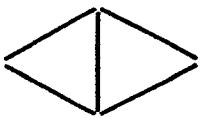


Figure 1
5 sticks

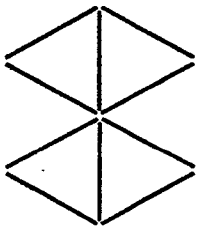


Figure 2
10 sticks

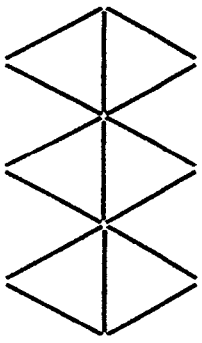


Figure 3
15 sticks

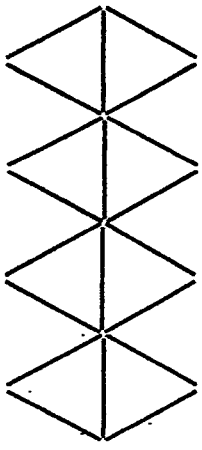


Figure 4
20 sticks

Ans : (a) _____ [1]

(b) _____ [2]

44. The fairy lights on the Christmas tree twinkles at intervals of 3 minutes. The fairy lights on the wall twinkles at intervals of 4 minutes. If both sets of fairy lights were to twinkle at 1.30 p.m., what would be the next time that both sets of fairy lights twinkle together again?

Do not write in this space

Ans : _____ [3]

45. Lena and Ming Ho had the same ~~number~~ number of money at first. After Lena saved another $900 and Ming Ho spent $250, Lena had thrice as much money as Ming Ho. How much money did each of them have at first?

Do not write in this space

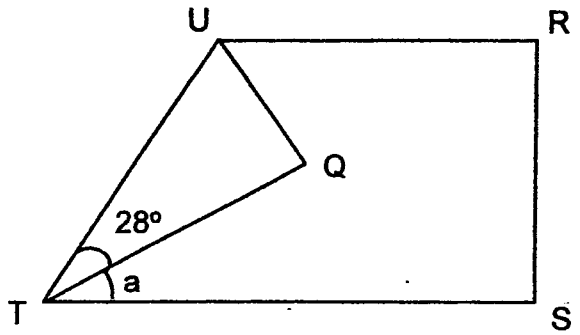
Ans : _____ [4]

46. The figure shows a rectangular piece of paper folded at one of its corners.

Given that $\angle UTQ = 28°$,

a) Find the sum of $\angle UQT$, $\angle UTQ$ and $\angle RST$.

b) Find $\angle a$.



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Ans : (a) _____ [2]

(b) _____ [2]

END OF PAPER

ANSWER KEY

YEAR : 2017
LEVEL : PRIMARY 4
SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : SA1 Revision

CA1

Delivery: 98518220

BOOKLET A

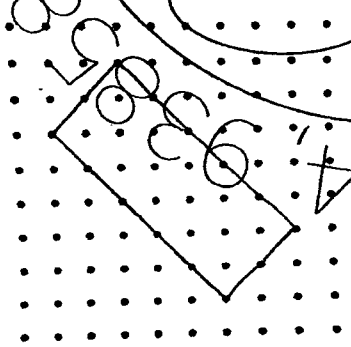
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	1	2	2	3	4	1	1	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	3	1	3	1	4	3	3	4	1

BOOKLET B: SECTION B

Q21. 2467 Q22. 2067 Q23. 1720 Q24. 54 Q25. 7 Q26. 13

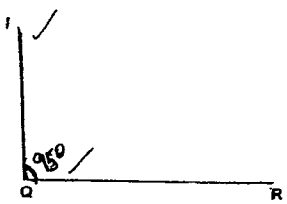
Q27. 9765 Q28. 5 Q29. 37 Q30. b and e

Q31



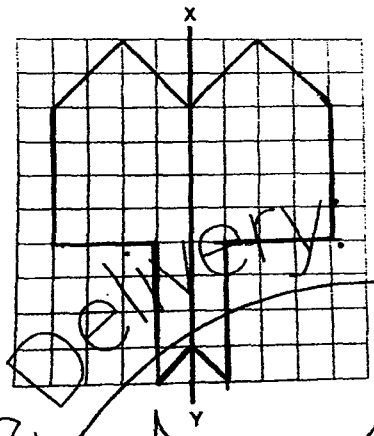
Q32. $112 Q33. 1117 Q34. 15 Q35. 50°

Q36.



Q37. Bakery Q38. 27° Q39. 25

Q40.



Q41.
40 ÷ 5 = 8
8 X 2 = 16 Answer: 16

Q42.
36 X 120 = 4320
4320 – 2453 = 1867 Answer: 1867

Q43.
11 X 5 = 55
205 ÷ 5 = 41 Answer: a) 55 b) 41

Q44.
3 X 4 = 12
1:30 → 12min →1:42 Answer: 1.42 p.m.

Q45.
900 + 250 = 1150
1150 ÷ 2 = 575
575 + 250 = 825 Answer: $825

Q46.
90 + 28 + 90 = 208
90 – 56 = 34 Answer: a) 208° b) 34°

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PEI HWA PRESBYTERIAN PRIMARY SCHOOL
MINI TEST 2
PRIMARY 4
MATHEMATICS

Name: _____ ( )

Class: 4 Teamwork ( ) / 4M ( )

Date : 22 August 2017

Parent's Signature

Total time: 1 hour

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. Write all your answers in this booklet.

Marks (Section A)	/12
Marks (Section B)	/12
Marks (Section C)	/6
Total Marks (Section A & B & C)	/30

Section A: Multiple Choice Questions (12 x 1 = 12 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 Express $\frac{11}{20}$ as a decimal.

(1) 0.11

(2) 0.44

(3) 0.55

(4) 1.10

2 Arrange the following decimals in decreasing order.

11.081, 11.101, 11.011, 11.108

(1) 11.011, 11.108, 11.081, 11.101

(2) 11.011, 11.081, 11.101, 11.108

(3) 11.108, 11.011, 11.101, 11.081

(4) 11.108, 11.101, 11.081, 11.011

3 Find the sum of 5.76 and 31.99

(1) 36.65

(2) 36.75

(3) 37.75

(4) 38.65

4 13 thousandths + 5 thousandths + 2 thousandths = _____ hundredths

(1) 20

(2) 2

(3) 0.2

(4) 0

5 Find the difference between 10.42 and 3.83

(1) 6.59

(2) 6.69

(3) 7.41

(4) 7.69

6 Convert 0.375 to a fraction.

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

(2) $\frac{3}{20}$

(3) $\frac{3}{25}$

(4) $\frac{3}{50}$

7 Cynthia had $50 at first.
After buying a present, she had $24.95 left.
How much did the present cost?

(1) $24.15

(2) $25.05

(3) $26.05

(4) $74.95

8 Dinesh had $12.60.
Eng Hwee had 6 times as much money as Dinesh.
How much money did Eng Hwee have?

(1) $1.80

(2) $2.10

(3) $75.60

(4) $88.20

9 Frank distrubuted $683.40 equally among his three children.
How much did each child receive?

(1) $170.85

(2) $227.80

(3) $2 050.20

(4) $2 733.60

10 The area of a rectangular field is 144 m^2.
Its length is 8 m.
Find the breadth of the field.

(1) 9 m

(2) 12 m

(3) 18 m

(4) 64 m

11 The perimeter of a square cardboard is 100 cm.
Find the length of the cardboard.

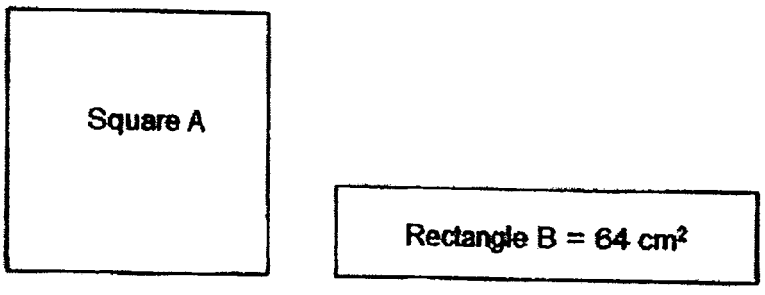
(1) 10 cm

(2) 25 cm

(3) 40 cm

(4) 50 cm

12 Square A and Rectangle B have the same area.
The area of Rectangle B is 64 cm^2.
Find the length of Square A.



(1) 4 cm

(2) 8 cm

(3) 16 cm

(4) 32 cm

Section B (12 x 1 = 12 marks)

Write your answers in the answer blanks provided.

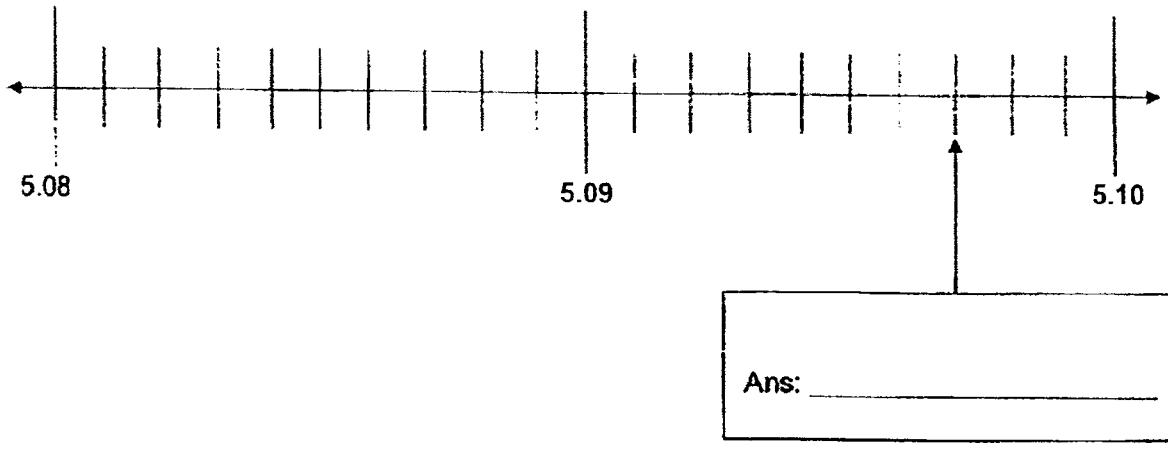
For questions that require working, show your working clearly in the space provided.

13 Complete the following number pattern.

0.7, 1.1, 1.5, 1.9, _____, 2.7

Ans: _____

14 Write the correct decimal in the box provided.



15 I am a number with 3 decimal places.
The digit 9 is in the thousandths place.
The digit 7 is in the hundredths place.
The digit 6 is in the tenths place.
The ones place has a value of 4.
Round off this number to one decimal place.

Ans: _____

16 The length of 2 equal pieces of ribbon is 0.32 m.
What is the length of each ribbon?
Leave your answer as a decimal.

Ans: _____ m

17 Find the difference between 79.56 and 99.87.

Ans: _____

18 Find the sum of 832.34 and 101.02.

Ans: _____

19

How much do 16 apples cost?

Ans: $_____

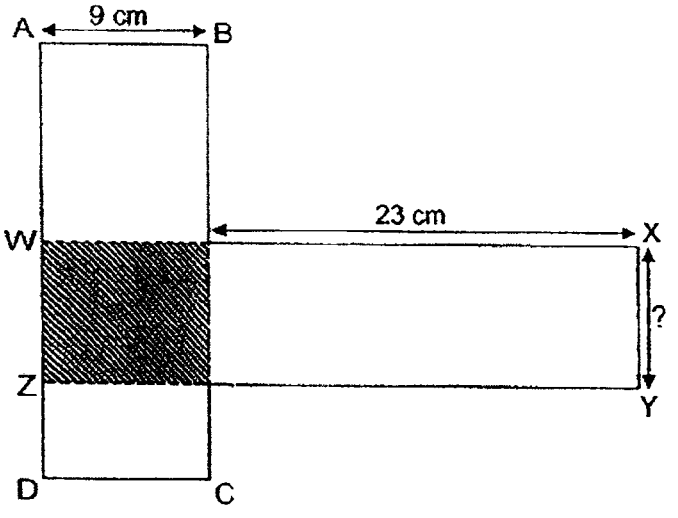
20 The total length of 7 pieces of rope and 7 pieces of wire is 45.92 m. What is the total length of 1 pieces of rope and 1 piece of wire?

Ans: _____ m

21 Gabriella had 13 kg of flour.
She shared this amount of flour with her 8 friends.
How much flour did each person receive?
Leave your answer in 2 decimal places.

Ans._____ kg

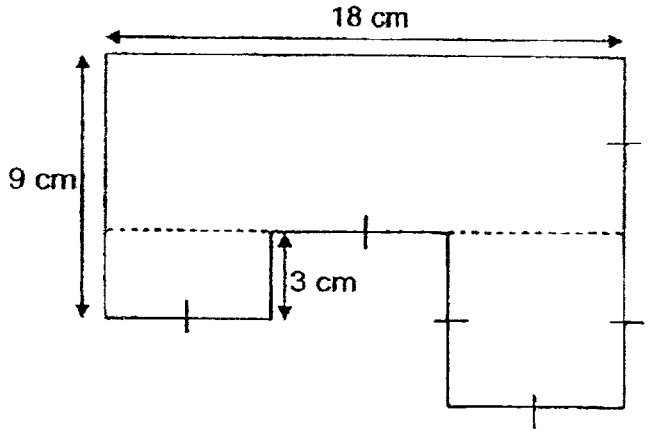
22 The figure below is made up of two overlapping rectangles, ABCD and WXYZ.
The perimeter of Rectangle WXYZ is 78 cm.
Find the breadth of Rectangle WXYZ.



Ans: _____ cm

Refer to the following figure to answer question 23 and 24.

The figure below is made up of 2 rectangles and a square.



23 Find the perimeter of the figure shown above.

Ans: _____ cm

24 Find the area of the square as shown above.

Ans: _____ cm^2

Section C (2 x 3 = 6 marks)

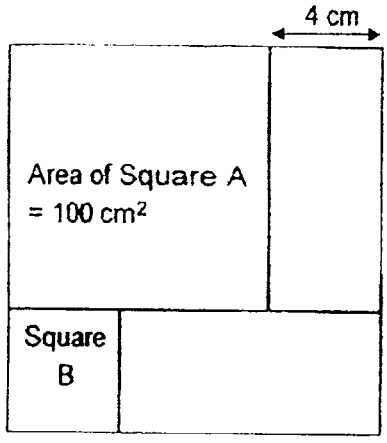
Solve each of the following problems. Show all your working and statements clearly. Write your answers in the spaces provided.

25 Mr Husain bought 3 adult tickets and 1 child ticket.
He paid the cashier $295.20.
1 adult ticket cost $78.80.
Find the cost of 1 child ticket.

Working

Ans: _____ [3]

26 The figure below is made up of 2 different squares, A and B, and 2 identical rectangles.
The area of Square A is 100 cm^2.
Find the area of the figure.



Working

Ans: _____ [3]

********** END OF PAPER **********

PLEASE CHECK YOUR WORK.

EXAM PAPER 2017 (P4)

SCHOOL : PEI HWA

SUBJECT : MATHEMATICS

TERM : CA2

ORDER CALL :

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	3	2	1	1	2	3	2	3
Q11	Q12								
2	2								

13)2.3 14)5.097 15)4.7 16)0.16m 17)20.31 18)933.36

19)8 x 2 = 16

$7.95 x 2 = $15.90

$15.90 ÷ 2 = $7.95

20)45.92 ÷ 7 = 6.65m

21)1.44 kg

22)7 cm

23)18+18+18+16 =66 cm

24)6 x 6 = 36 cm2

25)$78.80 x 3 = $236.40

$295.20 – $236.40 = $58.80

26)10 + 4 = 14

14 x 14 = 196

100 + 80 + 16 = 196cm2

RIVER VALLEY PRIMARY SCHOOL

CONTINUAL ASSESSMENT 2

2017

MATHEMATICS

PRIMARY FOUR

Name : _____ _____ ( )

Class : Primary 4 (_____)

Date : 14 August 2017

Duration : 1 hour 15 minutes (Booklets A and B)

BOOKLET A

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.
- **REMEMBER TO SHADE THE CORRECT OVAL ON THE OAS.**

Section A: Multiple Choice Questions (20 marks)

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 (1 , 2 , 3 or 4) and shade your answer on the Optical Answer Sheet (OAS).

1. Round off 3675 to the nearest hundred.

(1) 3600 (2) 3680

(3) 3700 (4) 3780

2. Find the value of $4\frac{2}{3}-3\frac{1}{2}$.

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

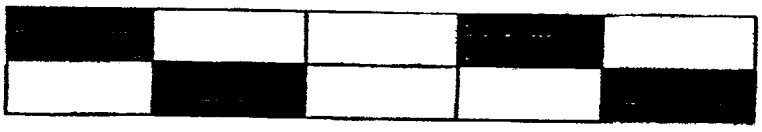
(3) $1\frac{1}{6}$ (4) $1\frac{1}{3}$

3. Which of the following is not equivalent to $2\frac{1}{3}$?

(1) $\frac{7}{3}$ (2) $\frac{14}{6}$

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

4. The figure below is made up of identical rectangles. What fraction of the figure is not shaded?



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

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

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

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

5. What is 100 less than 43 015?

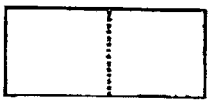
(1) 42 015

(2) 42 915

(3) 43 005

(4) 43 115

6. The figure below is made up of 2 identical squares. Each square has an area of 64 cm^2. What is the perimeter of the figure?



(1) 8 cm

(2) 32 cm

(3) 48 cm

(4) 56 cm

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

(1) 11

(2) 18

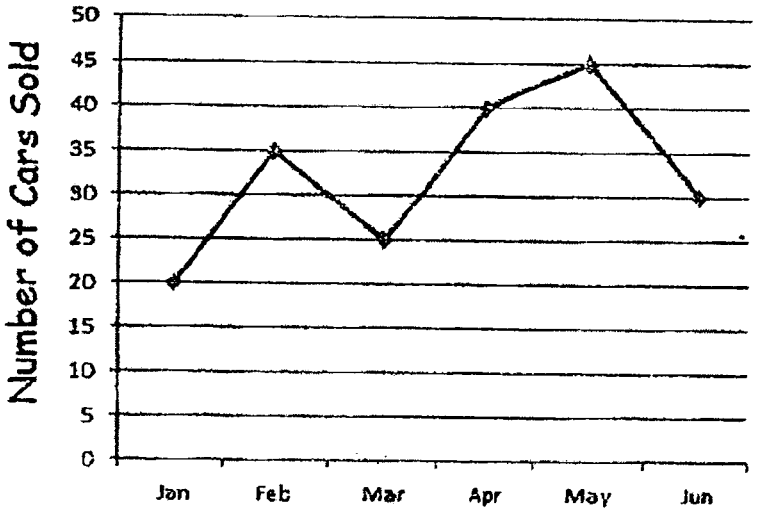
(3) 20

(4) 22

8. John earns a total of $6000 in 3 months. Each month he earns the same amount of money. If each month he spends $1350 and saves the rest of his earning, how much does he save each month?

(1) $650
(2) $1950
(3) $3350
(4) $4650

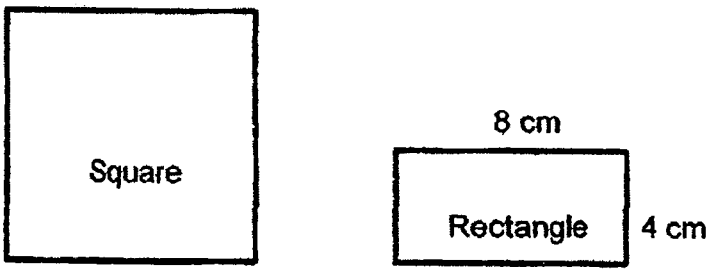
9. The graph below shows the number of cars sold from January to June.



How many more cars were sold in May as compared to March?

(1) 20
(2) 25
(3) 45
(4) 70

10. A piece of wire 60 cm long is bent to form a square and a rectangle, as shown in the figures below. The area of the square is _____ cm^2.



(1) 36
(2) 49
(3) 81
(4) 144

- End of Booklet A -

RIVER VALLEY PRIMARY SCHOOL

CONTINUAL ASSESSMENT 2

2017

MATHEMATICS

PRIMARY FOUR

Name : _____ ( )

Class : Primary 4 ( )

Date : 14 August 2017

Duration : 1 hour 15 minutes (Booklets A and B)

BOOKLET B

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.

SUMMARY OF MARKS :

Section		Questions	Marks Awarded	Maximum Mark
A	Multiple Choice Questions	1 – 10		20
B	Short Answer Questions	11 – 19		18
C	Long Answer Questions	20 – 22		12
Total				50

Parent's Signature:

Section B: Short Answer Questions (18 marks)

Questions 11 to 19 carry 2 marks each.

Write your answers in the spaces provided. Give your answers in the units stated.

11a) Express $2\frac{3}{4}$ as an improper fraction.

Answer: _____

b) Express $\frac{6}{5}$ as a mixed number.

Answer: _____

12. If $\frac{4}{5}$ of a number is 24, what is the number?

Answer: _____

13. Arrange the following in order from the smallest to the greatest.

$$\frac{13}{6},\quad 1\frac{5}{6},\quad 2$$

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

14. The table below shows the types of books read by the students in a class. Each student reads only one type of book. The number of students who read self-help books is half the total number of students who read fiction and non-fiction books. How many students are there in the class altogether?

Book	Number of students
Self-help	?
Fiction	18
Non-fiction	8

Answer: _____

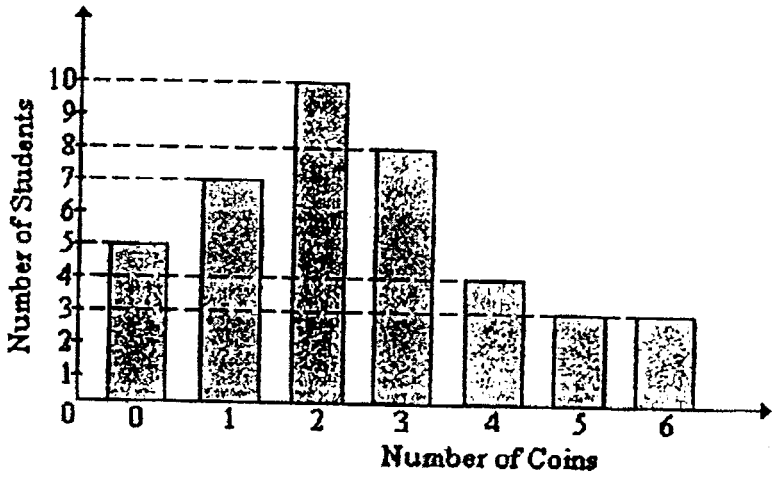
15. Mr Lim bought 16 apples. He gave $\frac{3}{4}$ of the apples to his neighbours and left the rest of the apples for his children. How many apples did his children get?

Answer: _____

16. David wants to build a rectangular fence for his garden. The garden is 12 m long and 6 m wide. If one metre of fence cost $18, how much did David pay altogether?

Answer: $ _____

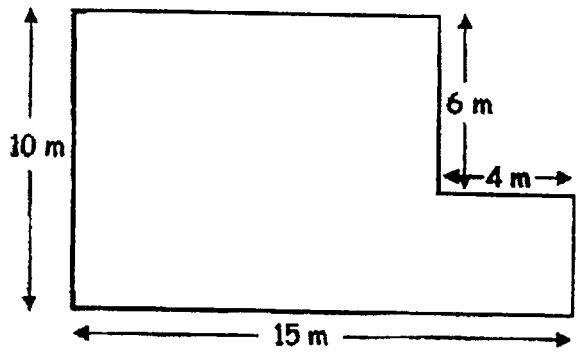
17. Each student from a class was asked to count the number of coins they had in their pockets. The graph below shows the results of this survey.



How many students had **at least** 4 coins?

Answer: _____

18. The figure below is not drawn to scale. Find the perimeter of the figure.



Answer: _____ m

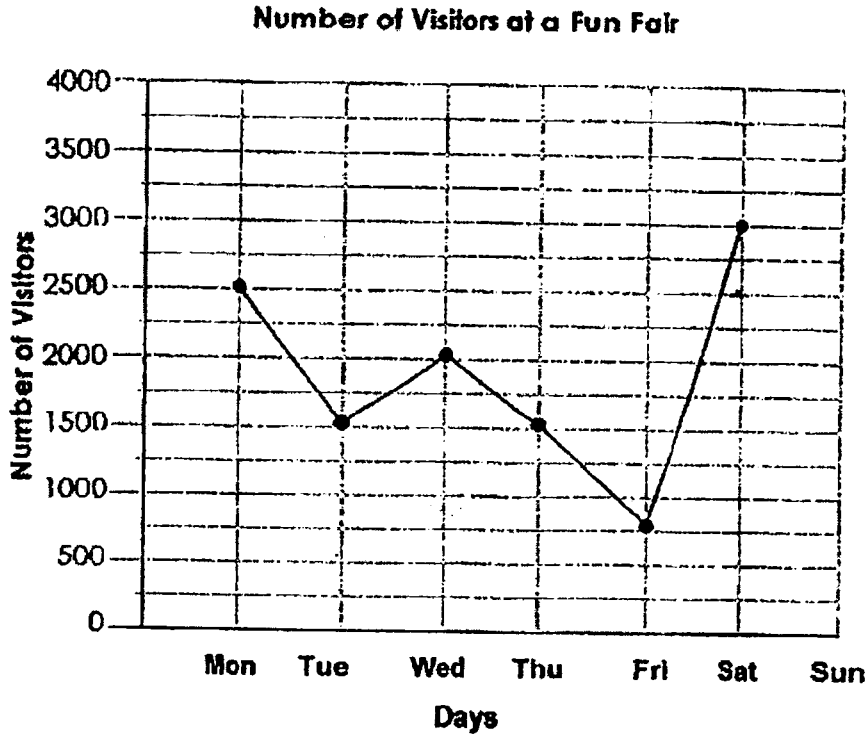
19. A baker baked 480 coconut cookies and 420 peanut cookies. He then packed them into bags such that each bag contained 8 coconut cookies and 6 peanut cookies. He sold each bag of cookies at $5. How much did he receive from the sale of all the bags of cookies?

Answer: _____

Section C: Long Answer Questions (12 marks)

Questions 20 to 22 carry 4 marks each. Show your working clearly and write your answers in the spaces provided.

20. The graph below shows the number of visitors at a fun fair from Monday to Sunday. The number of visitors on Sunday was missing in the graph.



The admission ticket for each visitor was $3. If $6000 more was collected on Sunday than on Thursday, how many visitors visited the fun fair on Sunday?

Answer: _____ (4m)

21. Mary received an allowance of $900 in June. She spent $\frac{3}{4}$ of her allowance for a vacation to Malaysia and $\frac{1}{5}$ of the allowance on her daily expenses. She saved the rest of her allowance.

(a) How much did she spend on her vacation to Malaysia?

(b) How much did she save in June?

Answer: (a) _____ (2m)

(b) _____ (2m)

22. The length of a rectangle is 5 cm longer than its breadth. The perimeter of the rectangle is 34 cm. Find the area of the rectangle.

Answer: _____ (4m)

- End of Booklet B -

EXAM PAPER 2017 (P4)

SCHOOL : RIVER VELLEY

SUBJECT : MATHEMATICS

TERM : CA2

ORDER CALL :

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

11)a)11/4 12)30 13)15/6 , 2 , 13/6 14)39 15)4

b)11/5 16)$648 17)4+3+3 = 10

18)11 + 6 = 17

17 + 4 = 21

21 + 4 = 25

25 + 15 = 40

40 + 10 = 50 m

19)480 ÷ 8 = 60

420 ÷ 6 = 70

60 x 5 = $300

(20)3500

(21)a)900 ÷ 20 = 45

45 x 15 = $675

b)$4

(22)34 – 5 – 5 = 24

24 ÷ 4 = 6

6 + 5 = 11

11 x 6 = 66cm2

Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2017)

PRIMARY 4

MATHEMATICS

Booklet A

Monday 15 **May 2017** **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.

This question paper consists of 10 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. Which one of the following is the same as 39 086?

   1) 30 000 + 900 + 80 + 6
   2) 30 000 + 900 + 800 + 6
   3) 30 000 + 9000 + 80 + 6
   4) 30 000 + 9000 + 800 + 6

2. Find the product of 250 and 2 tens.

   1) 50
   2) 500
   3) 5 000
   4) 50 000

3. Which one of the following is a factor of 28?

   1) 6
   2) 7
   3) 13
   4) 19

4. The clock shown below is 10 minutes slower than the actual time.
What is the actual time?

1) 8 minutes past 11
2) 30 minutes past 11
3) 10 minutes to 12
4) 10 minutes past 12

5. What is 30 hundreds less than 51 273?

1) 48 273
2) 50 973
3) 51 243
4) 54 273

6. What is the sum of the first two common multiples of 4 and 6?

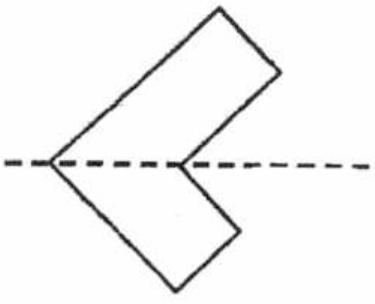
1) 30
2) 36
3) 48
4) 60

7. Which one of the following statements correctly describes both the rectangle and the square?

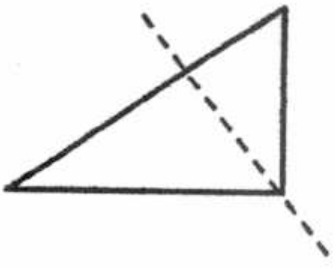
1) All of its sides are
2) All of its angles are angles.
3) Its opposite sides are perpendicular.
4) It has exactly one pai of parallel sides.

8. Which one of the dotted is a line of symmetry?

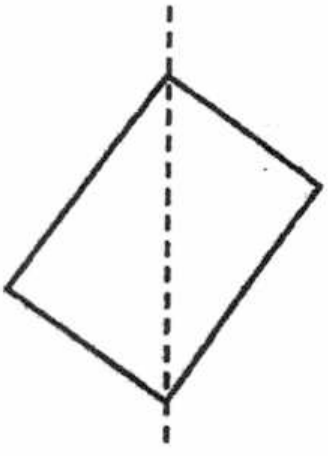
(1)



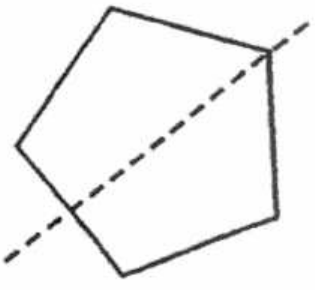
(2)



(3)



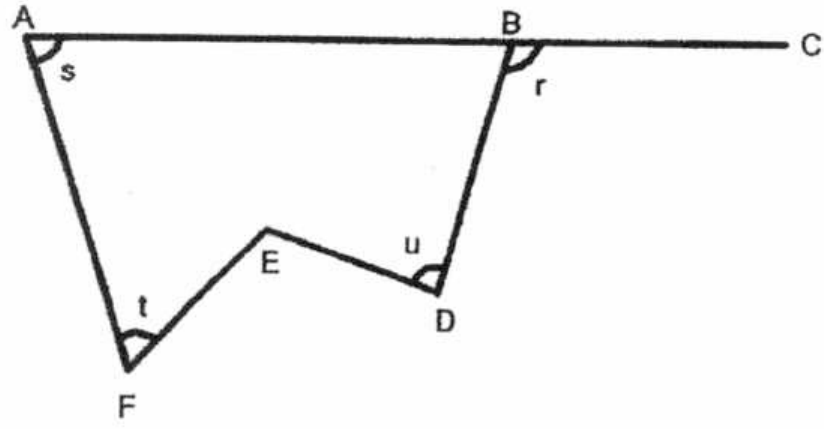
(4)



9. Jake bought a motorbike. The amount he spent when rounded to the nearest thousand is $42 000. What could be the amount he spend on the motorbike?

1) $41 298
2) $41 499
3) $42 319
4) $42 659

10. Look at the diagram. Which one of the marked angles has been correctly named?



1) ∠s = ∠BAE
2) ∠r = ∠ABC
3) ∠t = ∠AFE
4) ∠u = ∠EDC

11. A number when divided by 7 gives a quotient of 122 and a remainder of 6. What is the number?

1) 732
2) 739
3) 854
4) 860

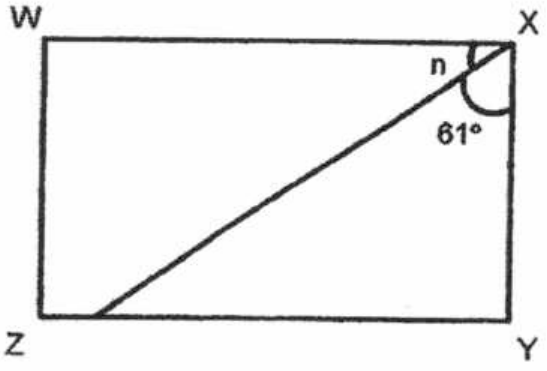
12. Which one of the following fractions is the largest?

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

13. Alex is facing south-east at first. In which direction will he face if turns 135 ° anti-clockwise?

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

14. WXYZ is a rectangle. Find $\angle n$.



1) 19°
2) 29°
3) 39°
4) 49°

15. A pen and 2 rulers cost \$3.10. A pen costs \$2.50. What is the cost of 1 ruler?

1) \$0.30
2) \$0.60
3) \$0.80
4) \$0.90

16. The price of tickets to a school concert is shown below.

School Concert

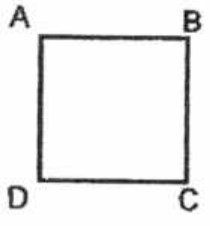
Tickets at $5 each.

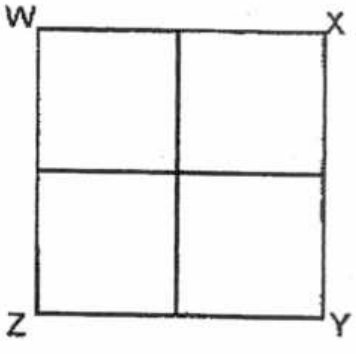
Buy 2 tickets and get 1 free

Susan paid $60 for tickets to the school concert. How many tickets did she get?

1) 6
2) 12
3) 18
4) 24

17. The perimeter of square ABCD is 100 cm.
4 such squares are used to form the figure WXYZ.
Find the perimeter of figure WXYZ.



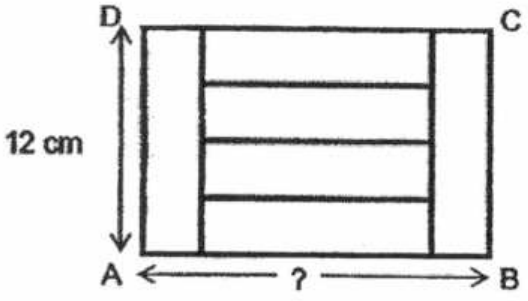


1) 50 cm
2) 80 cm
3) 200 cm
4) 800 cm

18. Alan had twice as much money as Eric. Eric had twice as much money as Zachary. Given that they had $1260 altogether, how much money did Zachary have?

1) $180
2) $252
3) $315
4) $420

19. Rectangle ABCD is made up of 6 identical rectangles as shown below. Find the length of AB.



1) 15 cm
2) 18 cm
3) 20 cm
4) 24 cm

20. Jason picked a 5-digit number. The digit in the thousands place is 5. The digit in the hundreds place is 3 less than the digit in the tens place and they have a sum of 11. The digit in the ones place is the same as the digit in the tens place. The value of the digit in the ten thousands place is 20 000. Which one of the following numbers was picked by Jason?

1) 25 388
2) 25 477
3) 25 744
4) 25 833

End of Booklet A

Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2017)

PRIMARY 4

MATHEMATICS

Booklet B

Monday **15 May 2017** **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 13 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. **What is twenty-seven thousand and eleven in numerals?**

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

84 615, 6713, 48 105, 67 257

_____ , _____ , _____ , _____

Greatest Smallest

23. **There are 105 rows of seat in a theatre. Each row consists of 18 seats. What is the total number of seats in the theatre?**

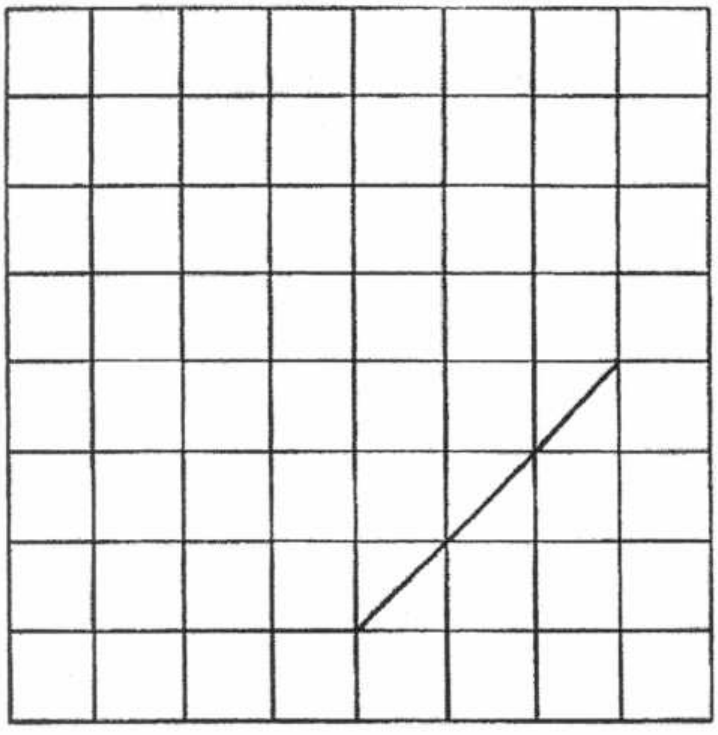
Sub-Total :

24. What is the ninth multiple of 3?

25. Write the missing number in the number pattern below.

5070 , _____ , 5220 , 5310 , 5410 , 5520

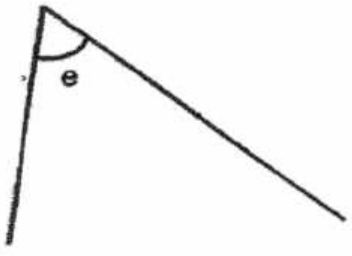
26. Draw a square from the given line.



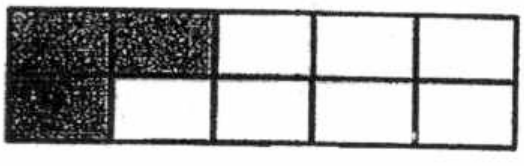
Sub-Total :

27. Find the value of $\frac{7}{12} + \frac{1}{3}$.

28. Use a protractor to measure $\angle e$.



29. Jack wants to shade $\frac{4}{5}$ of the figure shown below. How many more boxes must he shade?

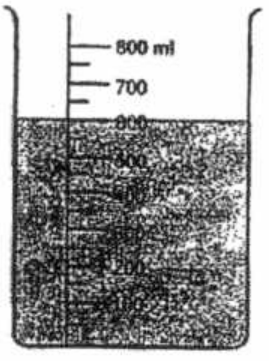


Sub-Total :

30. Find the sum of the common factors of 45 and 72.

31. Mr Tan brought 5 cartons of pear. Each carton contained 30 pears. He sold 2 cartons and another 20 pears in the morning. How many pears had he left?

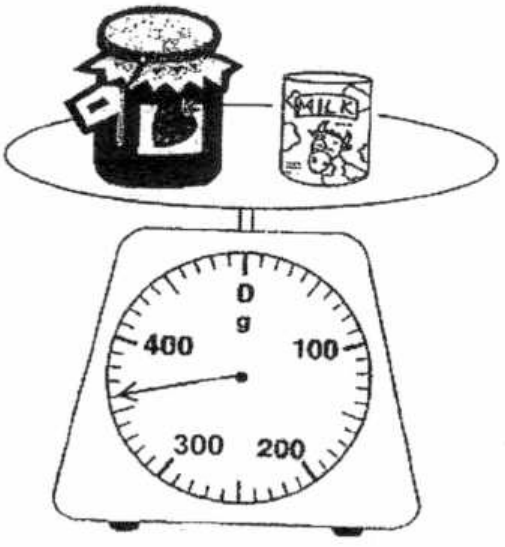
32. The diagram below shows the amount of water in the container after Wendy poured some water into it. Given that there were 350ml of water in the container at first, how much water did Wendy pour into the container?



ml

Sub-Total :

33. The mass of a bottle of **Jam** and a can of milk is shown below. The mass of the can of milk is **150** g, what is the mass of the bottle of Jam?

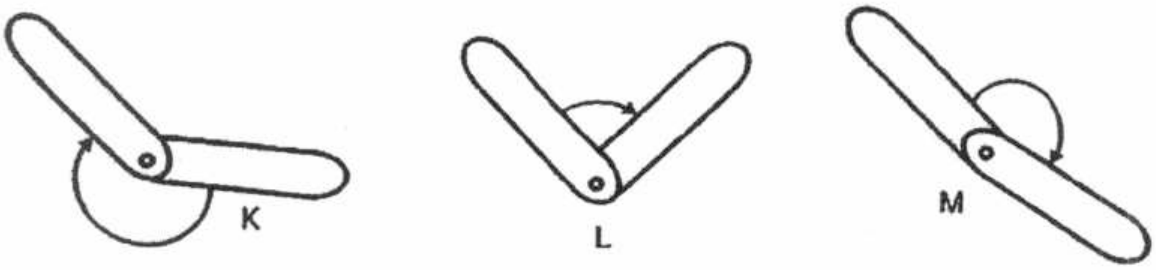


g

34. Mr Gopal has a total of **$84**, consisting of an equal number of $5 and $2 notes. How many **pieces** of notes does he have altogether?

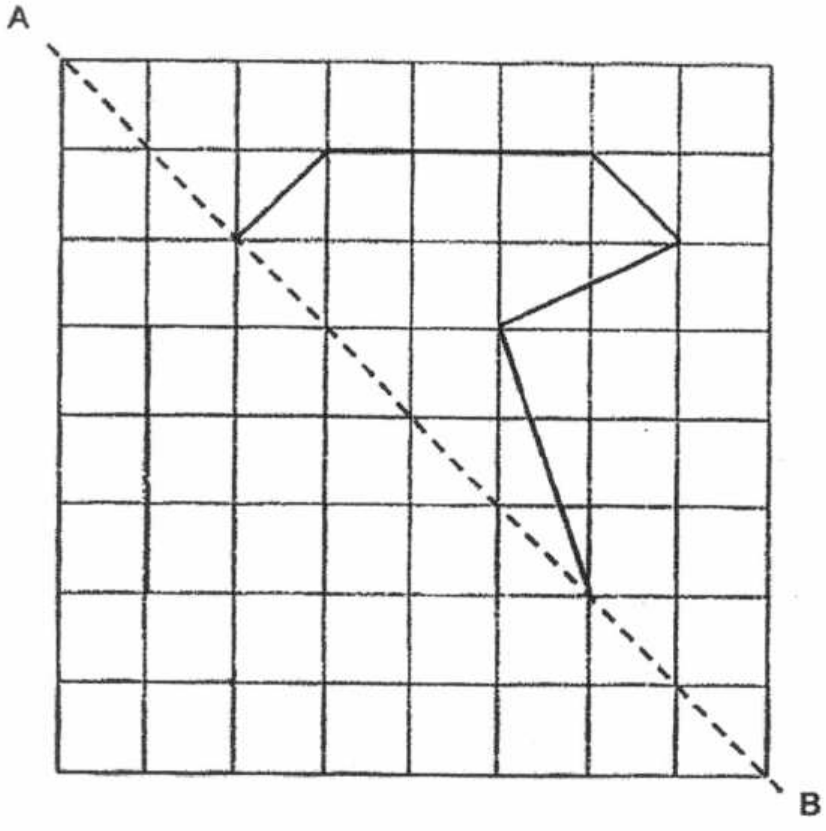
Sub-Total :

35. Look at each pair of angle strips below.



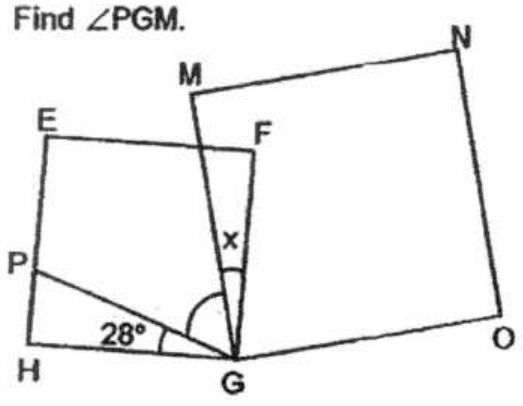
Which pair of angle strips shows a turn between a $\frac{1}{2}$-turn and a complete turn?

36. Complete the following figure to form a symmetric figure with AB as the line of symmetry.



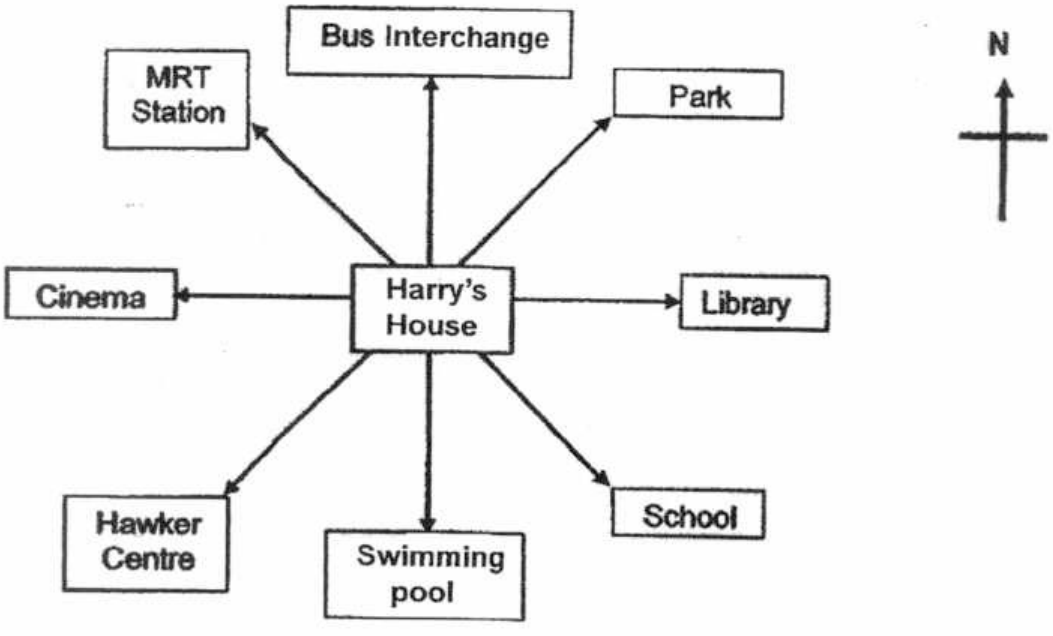
Sub-Total :

37. In the diagram, EFGH and MNOG are squares and $\angle x$ is 11°. Find $\angle PGM$.



°

38. The diagram below shows the direction of each place from Harry's house. Use it to answer Question 38 (a) and 38 (b).



a) The MRT station is _____ of Harry's house.

b) Which place is situated South-East of Harry's house?

a) _____

b) _____

Sub-Total :

39. The difference between two numbers is 1350. The bigger number is 3 times the smaller number. What is the smaller number?

40. Bryan had thrice as many books as Charles at first. After Bryan gave away 14 books and Charles bought 16 books, both boys had an equal number of books. How many books did Charles have at first?

Sub-Total :

Section C

For questions **41** to **45**, 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.

(20 marks)

---

41. A fruiterer bought 270 oranges. He bought 125 more apples than oranges and 40 fewer pears than oranges.

    (a) How many fruits did he buy altogether?

    (b) He packed all the fruit into bags. Each bag could contain 9 fruits. What is the least number of bags he needed to pack all the fruits?

Ans: (a)_____ [2]

(b)_____ [2]

Sub-Total :

42. Daniel bought 12 similar wallets and 4 similar bags. Each bag cost as much as three wallets. The bag cost $16 more than the wallet.

(a) What was the cost of 1 bag?
(b) How much did he spend altogether?

Ans: (a)_____[1]

(b)_____[3]

Sub-Total :

43. There are 629 pupils in School A and 890 pupils in School B. The number of boys in both schools is the same. Given that the number of girls in school B is four times that of School A, find the total number of boys in each school.

Ans: _____ [4]

Sub-Total : [ ]

44. There were 38 children at a fun-fair. Every boy received 2 balloons each and every girl received 4 balloons each at the fun-fair. A total of 126 balloons were given to the children. How many boys were at the fun-fair?

Sub-Total :

45. Christopher had $154 more than Ryan at first. After Christopher gave $262 to Ryan, Ryan had 3 times as much as Christopher. How much did they have altogether?

Ans: _____ [4]

End of Booklet B

Sub-Total :

EXAM PAPER 2017 (P4)

SCHOOL : ACS

SUBJECT : MATHEMATICS

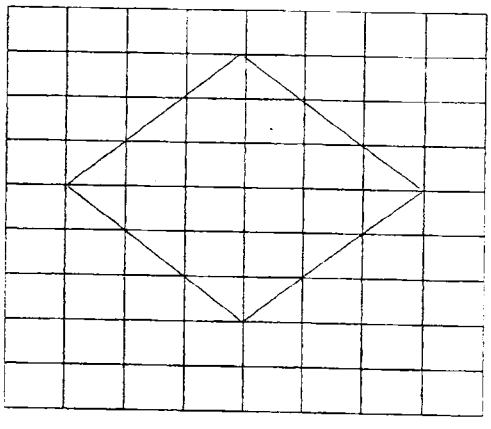
TERM : SA1

ORDER CALL :

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

21)27011 22)84615 , 67257 , 48105 , 6713 23)1890 seats

24)27 25)5140 26)



27)11/12 28)62°

29)5 30)13

31)70 pears

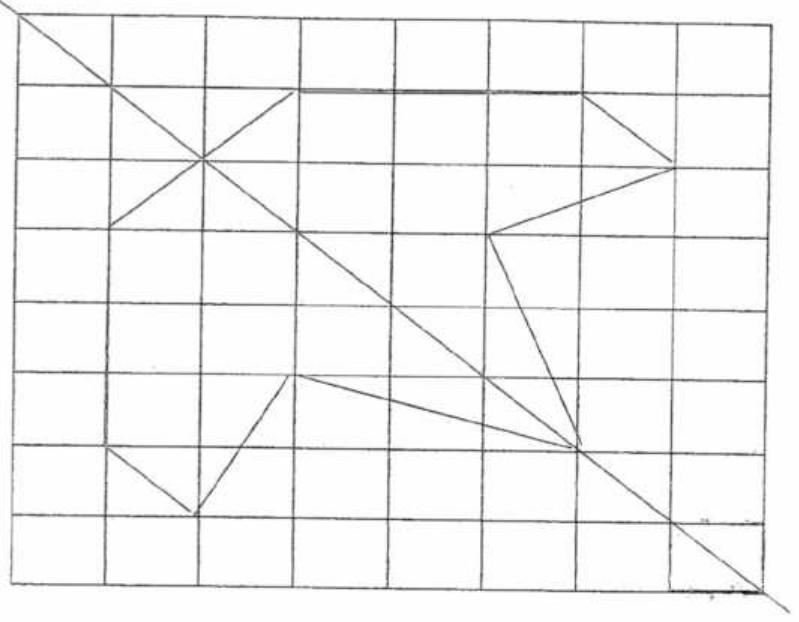
32)250 ml

33)210g

34)24

35)K

36)



37)51°

38)a)NW b)School

39)675

40)15 books

41)a)125 + 270 = 395

270 – 40 = 230

b)895 ÷ 9 = 99 R 4

99 + 1 = 100

42)a)16 ÷ 2 = 8

8 x 3 = $24

b)12 x 8 = 96

24 x 4 = 96

96 + 96 = $192

43)3 units = 890 – 629 = 261

1 unit = 261 ÷ 3 = 87

629 – 87 = 542

44)

Boys	total	Girls	Total	altogether	check
19	38	19	76	114	X
15	30	23	92	122	X
13	26	25	100	126	√

ANS: 13

45)262 – 154 = 108

2 units = 108 + 262 = 370

1 unit = 370 ÷ 2 = 185

4 units = 4 x 195 = $740

2017 SEMESTRAL ASSESSMENT 1
MATHEMATICS
BOOKLET A
PRIMARY FOUR

Name: _____ ( ) **Class: Primary 4 ___**

Date: 9 May 2017 **Duration of Booklets A & B: 1 hour 45 minutes**

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 7 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 6 in 24 698 is _____.

   (1) 60 ones

   (2) 60 tens

   (3) 60 hundreds

   (4) 60 thousands

2. 43 hundreds and 9 tens is the same as _____.

   (1) 4 039

   (2) 4 390

   (3) 43 090

   (4) 43 900

3. Which of the following numbers when rounded off to the nearest ten becomes 85 400?

   (1) 85 348

   (2) 85 389

   (3) 85 396

   (4) 85 407

4. Which of the following is a factor of both 24 and 54?

(1) 12

(2) 9

(3) 8

(4) 6

5. Which of the following are multiples of 8?

(1) 8, 16, 24, 36 and 42

(2) 8, 18, 28, 38 and 48

(3) 16, 32, 40, 48 and 64

(4) 16, 32, 58, 72 and 80

6. Complete the following number pattern.

_____ , 20 152 , 21 172, 22 192 , 23 212

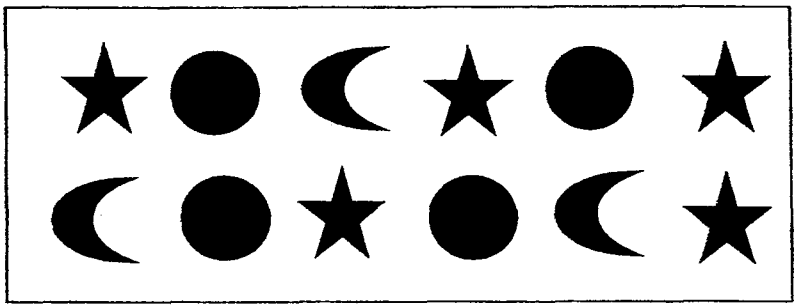
(1) 19 132

(2) 19 152

(3) 20 052

(4) 20 142

7. What fraction of the shapes in the box are ?



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

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

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

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

8. Mrs Yeo bought 2 kg of flour. She used $\frac{3}{5}$ kg to bake a cake. How much flour did she have left?

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

(2) $\frac{3}{10}$ kg

(3) $1\frac{2}{5}$ kg

(4) $1\frac{3}{5}$ kg

9. What is the missing number in the box below?

$$\frac{\boxed{?}}{24} = 4\frac{7}{8}$$

(1) 224

(2) 117

(3) 39

(4) 21

10. $\frac{1}{3}$ of the buttons in a jar are black and the rest are grey. If there are 14 more grey buttons than black buttons, how many buttons does the jar contain in total?

(1) 21

(2) 28

(3) 42

(4) 49

11. A number gives a quotient of 87 and a remainder of 4 when it is divided by 6. What is the number?

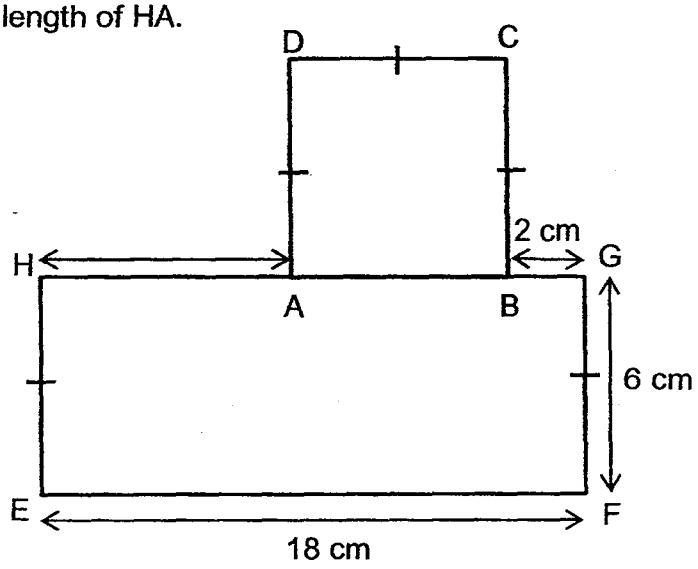
(1) 526

(2) 522

(3) 354

(4) 348

12. The given figure is made up of a square ABCD and a rectangle EFGH. Find the length of HA.



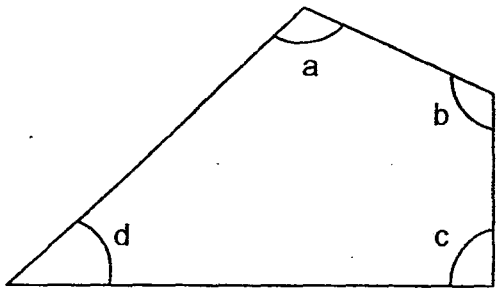
(1) 6 cm

(2) 8 cm

(3) 10 cm

(4) 16 cm

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



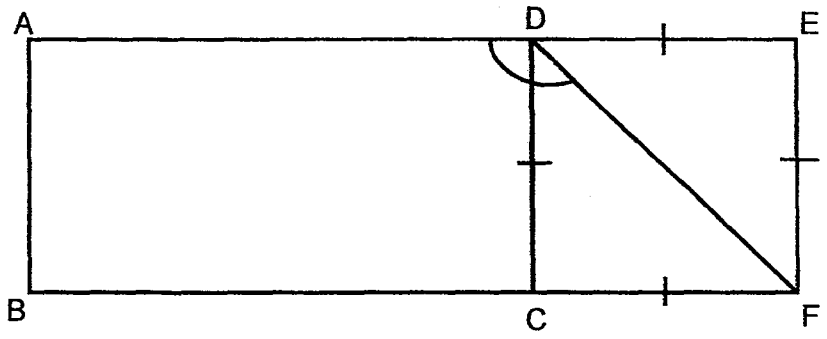
(1) ∠a

(2) ∠b

(3) ∠c

(4) ∠d

14. The figure below is made up of rectangle ABCD and square CDEF. Find $\angle ADF$.



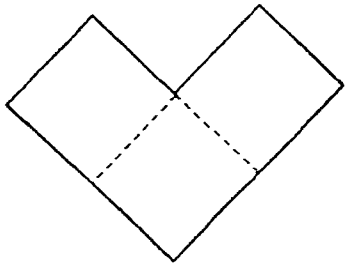
(1) 45^0

(2) 90^0

(3) 135^0

(4) 180^0

15. The figure below, not drawn to scale, is made up of 3 identical squares. The perimeter of the figure is 48 cm. What is the area of one square?



(1) 6 cm^2

(2) 16 cm^2

(3) 36 cm^2

(4) 108 cm^2

End – of –Booklet A

2017 SEMESTRAL ASSESSMENT 1
MATHEMATICS
BOOKLET B
PRIMARY FOUR

Name: _____ ( ) **Class: Primary 4** ___

Date: 9 May 2017 **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 seventeen thousand, five hundred and eleven in figures.

Answer : _____

17. Find the product of 4 376 and 8.

Answer : _____

18. 60 000 + 5000 + 40 + 3 = _____.

Answer : _____

19. What is the remainder when 7 394 is divided by 9?

Answer : _____

20. What is the value of $\frac{2}{3}+\frac{7}{12}$?
Express your answer as a mixed number in the simplest form.

Answer : _____

21. Express $\frac{68}{6}$ as a mixed number in its simplest form.

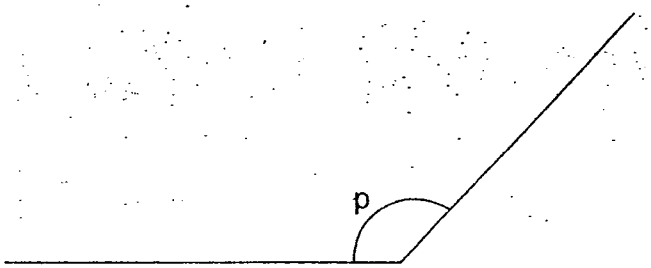
Answer : _____

22. Which two of the fractions are smaller than $\frac{1}{2}$?

$$\frac{2}{5}, \frac{4}{7}, \frac{7}{9}, \frac{5}{11}$$

Answer : _____ and _____

23. Measure and write down the size of $\angle$ p.



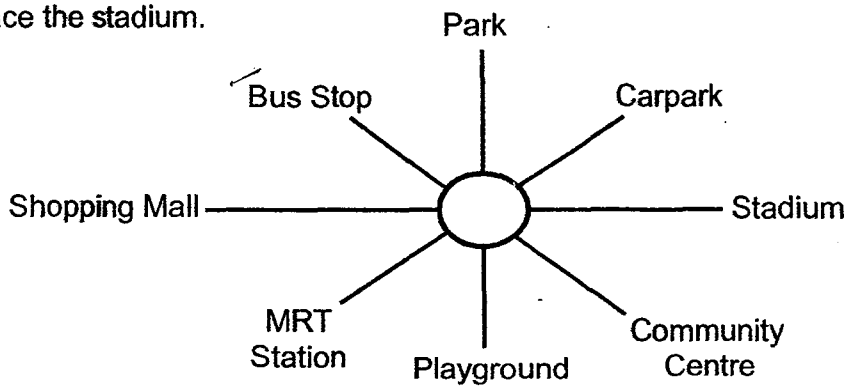
Answer : _____ °

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

$$\frac{2}{3}, \frac{4}{12}, \frac{5}{9}$$

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

25. Henry is facing the MRT Station. If he turns _____ ^{0} anti-clockwise, he will face the stadium.



Answer : _____ °

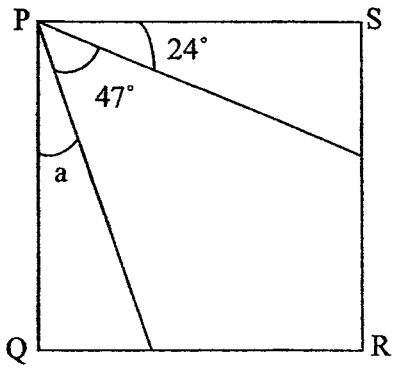
26. John pays $1 266 every 3 months to rent a room. How much does he pay to rent the room for a year?

Answer : $ _____

27. Some red and blue balloons were used at a party. $\frac{1}{4}$ of the balloons were blue and the rest were 54 red balloons. How many red and blue balloons were used at the party?

Answer : _____

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



Answer : _____°

29. Ali has some stickers. He gave half of the stickers to his brother and collected another 353 stickers. He now has 480 stickers. How many stickers did he have at first?

Answer : _____

30. Nick bought 4 identical massage chairs. He gave the cashier $6 000 and received a change of $408. How much did Nick pay for 1 massage chair?

Answer : $ _____

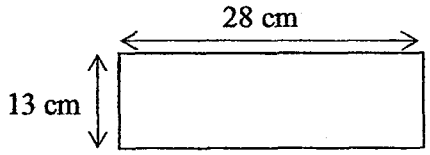
31. Ian, Andrew and Simon have a total of 471 stamps. Andrew has 19 more stamps than Ian. Simon has twice as many stamps as Ian. How many stamps does Ian have?

Answer : _____

32. What is the product of the first two common multiples for 6 and 9?

Answer : _____

33. Mark used a piece of wire to form a rectangle as shown in the figure below. He had 39 cm of wire left. What was the original length of the wire?

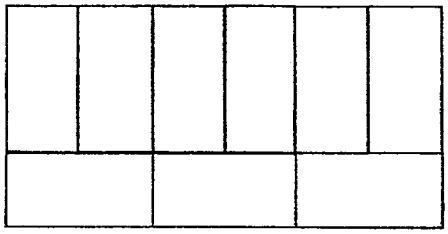


Answer : _____ cm

34. There were 189 roses at a florist. $\frac{4}{9}$ of the roses were red, 38 were pink and the rest were white. How many white roses were there?

Answer : _____

35. The figure below is made up of 9 identical rectangles. The breadth of each rectangle is 3 m. What is the total area of the figure?



Answer : _____ m^2

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. Sarah spent $\frac{1}{3}$ of her salary on a bag and another $\frac{2}{9}$ of her salary on a dress. She had $1 536 left. How much did she spend on the bag and dress?

Answer: _____ [3]

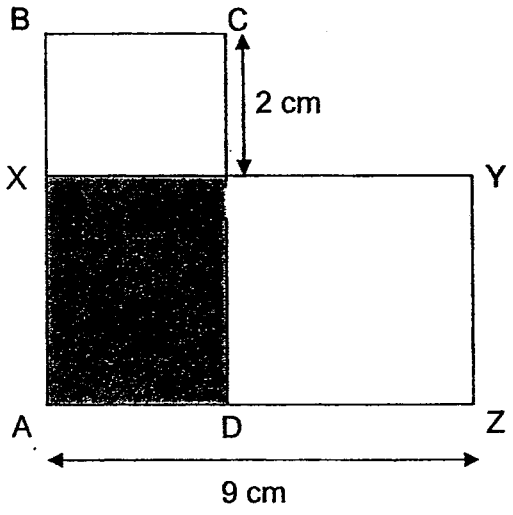
37. In a shop, there were 180 cups and bowls. There were 3 times as many bowls as cups. Mrs Tan paid $19 for a bowl. How much money was collected from the sale of all the bowls in the shop?

Answer: _____ [3]

38. Maya baked a total of 370 muffins. $\frac{2}{5}$ of the muffins were chocolate-flavoured, 104 were vanilla-flavoured and the rest of the muffins were cheese-flavoured. She sold all the cheese-flavoured muffins at $4 each. How much money did she earn from the sale of the cheese-flavoured muffins?

Answer :_____ [4]

39. The figure below, not drawn to scale, is made up of Rectangle ABCD with an area of 24 cm^2, and Rectangle AXYZ with an area of 54 cm^2. What is the area of the shaded part?



Answer : _____ [4]

40. An equal number of boys and girls were jogging at a park. After two hours, $\frac{2}{3}$ of the boys and $\frac{5}{8}$ of the girls left the park. There were 27 girls who remained at the park.

a) How many girls were at the park at first?

b) How many boys left the park?

Answer: (a) _____ [2]

(b) _____ [2]

41. The mass of a plastic container with 15 identical balls is 945 g. The mass of a similar plastic container with 8 identical balls is 826 g. What is the mass of the 12 such identical balls?

Answer: _____ [4]

42. Allan and Jack had the same number of cards at first. After Allan had bought another 373 cards and Jack lost 23 of his cards, Allan had four times as many cards as Jack. How many cards did each of them have at first?

Answer: _____ [4]

43. Tanya paid a total of $6 663 for 3 laptops and 2 printers. Adrian bought a similar laptop and a similar printer and paid $4 279 less than Tanya. What was the cost of a laptop?

Answer: _____ [4]

End – of – Paper

ANSWER KEY

YEAR	:	2017
LEVEL	:	PRIMARY 4
SCHOOL	:	ANGLO-CHINESE (PRIMARY)
SUBJECT	:	MATHEMATICS
TERM	:	SA1

Booklet A

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

Booklet B

16) 17 511

17) 35 008

18) 65 043

19) 5

20) $1\frac{1}{4}$

21) $11\frac{1}{3}$

22) $\frac{2}{5}$ and $\frac{5}{11}$

23) 133°

24) $\frac{2}{3}, \frac{5}{9}, \frac{4}{12}$

25) 135°

26) $5064

27) 72 balloons

28) 19°

29) 254 stickers

30) $1398

31) 113 stamps

32) 648

33) 121 cm

34) 67 white roses

35) 162 m^2

36) $\frac{1}{3} = \frac{3}{9}$

$\frac{3}{9} + \frac{2}{9} = \frac{5}{9}$

9 – 5 = 4
1536 ÷ 4 = 384
384 x 5 ⇒ <u>$1920</u>

37) 45 x 3 = 135
180 ÷ 4 = 45
135 x 19 ⇒ <u>$2565</u>

38) 74 + 44 = 118
118 x 4 ⇒ <u>$472</u> ($47)

39) 18 cm^2

40) (a) 27 ÷ 3 = 9
9 x 8 ⇒ <u>72 girls</u>

(b) 72 ÷ 3 = 24
24 x 2 ⇒ <u>48 boys</u>

41) 945 – 826 = 119
119 ÷ 7 = 17
17 x 12 ⇒ <u>204 g</u>

42) 1u → 396 ÷ 3 = 132
132 + 23 ⇒ <u>155 cards</u>

43) 6663 – 4279 = 2384
2384 x 2 = 4768
6663 – 4768 ⇒ <u>$1895</u>

End

SEMESTRAL ASSESSMENT ONE (2017)

PRIMARY FOUR

MATHEMATICS

Name : _____ ( )

Class: Primary 4 _____

Date: 5 May 2017

Duration: 1 h 45 min

Parent's Signature: _____

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

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

For section A, shade your answers in the Optical Answer Sheet (OAS) provided.

This booklet consists of 19 printed pages.

Section A: Multiple-Choice Questions (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 Answer Sheet (OAS).
SHADE the oval completely. All diagrams are not drawn to scale.

---

1. What is seventy-six thousand and ninety-two written in numerals?

   (1) 76 029
   (2) 76 092
   (3) 76 902
   (4) 76 920 ( )

---

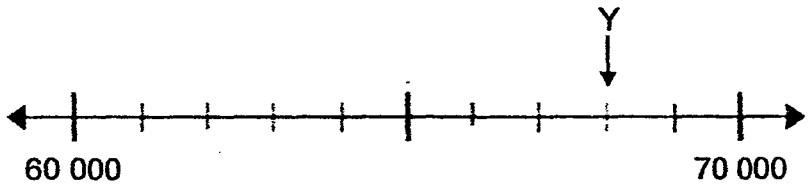
2. In which of the following are the numbers arranged from greatest to smallest?

	(greatest)				(smallest)
(1)	6340	,	6403	,	6043
(2)	6043	,	6340	,	6403
(3)	6403	,	6043	,	6340
(4)	6403	,	6340	,	6043

( )

---

3. Look at the number line below. The number line is marked at equal intervals.
   What is the value of Y?



   (1) 60 080
   (2) 60 800
   (3) 68 000
   (4) 68 800 ( )

4. Which one of the following is 7000 when rounded to the nearest hundred?

(1) 6899
(2) 6950
(3) 7051
(4) 7099 ( )

---

5. Which one of the following numbers is a factor of 24?

(1) 8
(2) 9
(3) 16
(4) 48 ( )

---

6. Which one of the following numbers is a multiple of 10?

(1) 5
(2) 2
(3) 15
(4) 20 ( )

---

7. What is the product of 78 and 36?

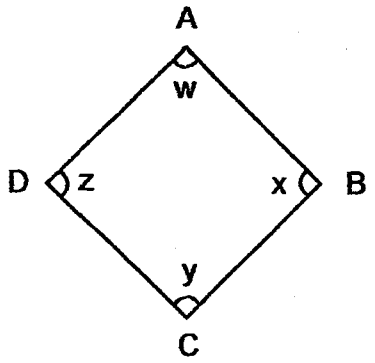
(1) 114
(2) 692
(3) 2708
(4) 2808 ( )

---

8. What is the quotient when 2352 is divided by 7?

(1) 336
(2) 337
(3) 339
(4) 341 ( )

9. In the diagram, which of the following angles is ∠BCD?



(1) ∠w

(2) ∠x

(3) ∠y

(4) ∠z ( )

---

10. A laptop costs $789. How much will it cost for a school to buy 25 such laptops?

(1) $15 185

(2) $18 625

(3) $19 725

(4) $23 385 ( )

---

11. Amos had some money. He spent half of his money and had $8816 left.
How much did he have at first?

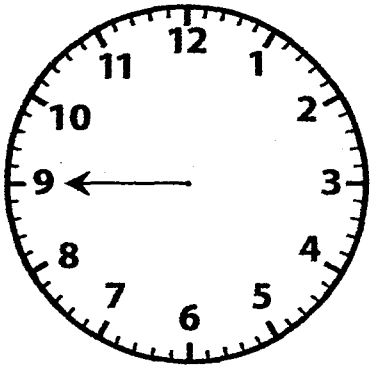
(1) $4405

(2) $4408

(3) $17 620

(4) $17 632 ( )

12. The diagram below shows a clock face with a minute hand pointing to 9.
John turns the minute hand and makes a $\frac{1}{4}$ - turn in an anti-clockwise direction.
Which number will the minute hand be pointing at after the turn?



(1) 6
(2) 9
(3) 3
(4) 12 ( )

---

13. Lester and Jingwen have 7380 beads altogether. Jingwen has thrice as many beads as Lester. How many beads does Lester have?

(1) 1476
(2) 1845
(3) 2460
(4) 3690 ( )

---

14. Dan packed some files equally into 8 boxes and gave away 3 of the boxes.
He had 750 files left in the remaining boxes. How many files did he pack into each box?

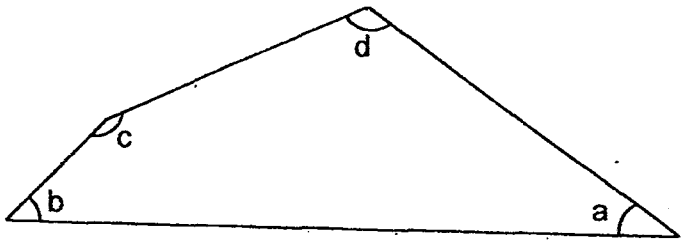
(1) 150
(2) 300
(3) 450
(4) 750 ( )

15. Pauline bought 2456 picture cards. She bought 80 fewer picture cards than Harry. How many picture cards did they have altogether?

(1) 2376
(2) 2536
(3) 4824
(4) 4992 ( )

---

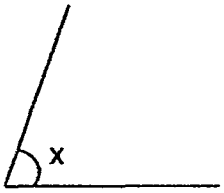
16. In the diagram below, which two angles are obtuse angles?



(1) ∠a and ∠b
(2) ∠b and ∠d
(3) ∠c and ∠d
(4) ∠d and ∠a ( )

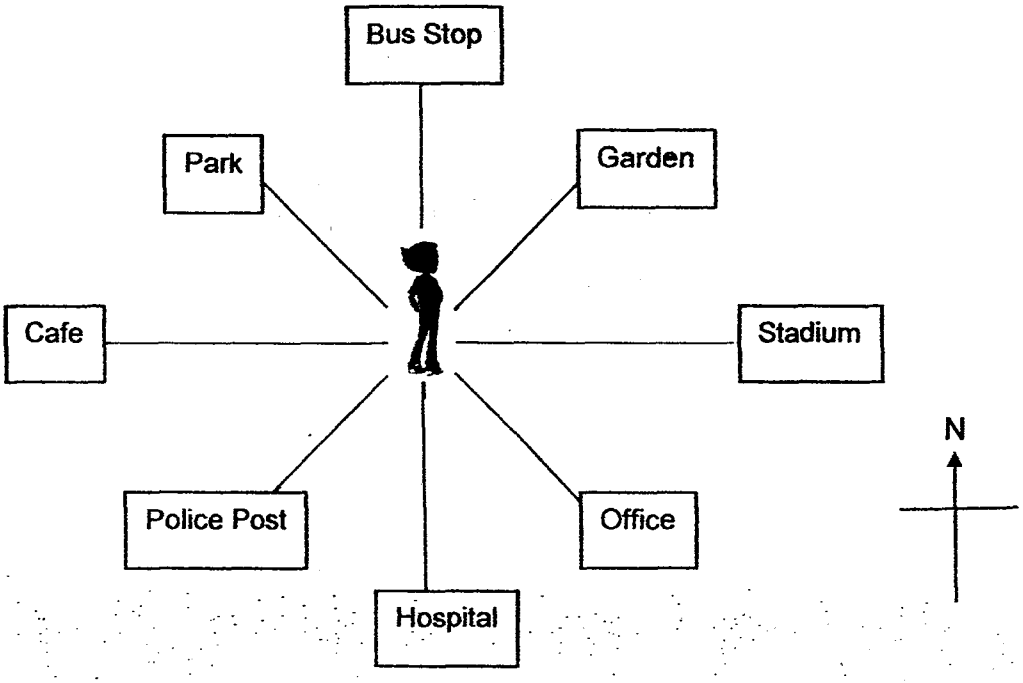
---

17. Which of the following is the best estimate for ∠x?



(1) 10°
(2) 70°
(3) 90°
(4) 120° ( )

18. Look at the diagram below. Ahmad is facing the garden.
He turns through an angle of 225° in a clockwise direction. What will he be facing?



(1) Cafe
(2) Park
(3) Office
(4) Hospital ( )

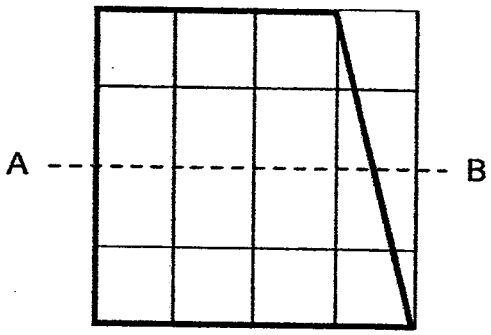
---

19. At a party, every 4th guest gets a cap and every 7th guest gets a bag.
Which one of the following guests will get both a cap and a bag?

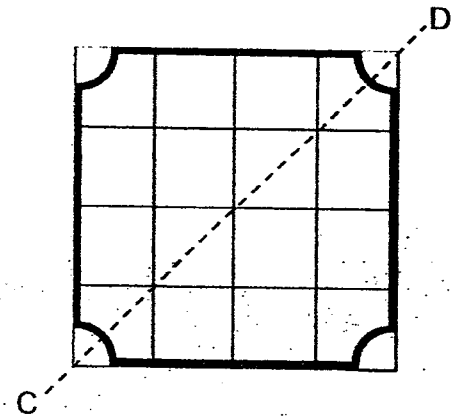
(1) 14th
(2) 37th
(3) 44th
(4) 56th ( )

20. The following shapes are drawn on square grids.
Which one of the dotted line is a line of symmetry?

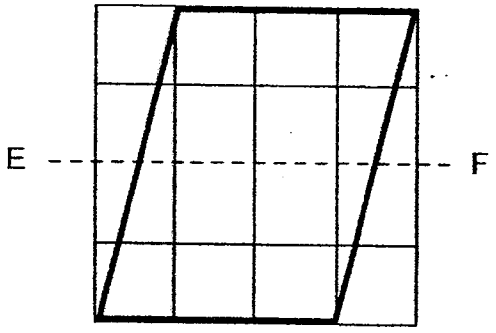
(1)



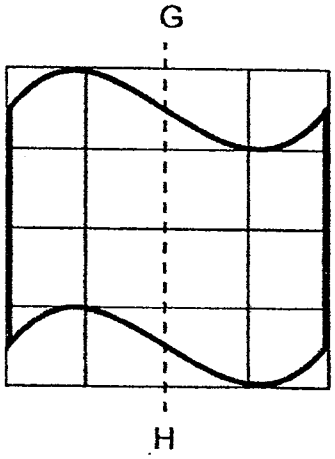
(2)



(3)



(4)



( )

-- END OF SECTION A –

Section B: Open Ended Questions (40 marks)

Do not write in this space.

Question 21 to 40 carries 2 marks each. Show your working and 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.

21. What is the missing number in the number pattern below?

27 513 , 29 513 , 31 513 , 33 513 , ___?___ , 37 513

Ans: _____

22. Use the digits 9, 2, 7, 3 to form the smallest 4-digit even number.

Ans: _____

23. The number of stamps Bernice has is 380 stamps when rounded to nearest ten. What is the greatest possible number of stamps that Bernice have?

Ans: _____

24. List all the common factors of 16 and 40.

Ans: _____

25. List the first two common multiples of 6 and 9.

Do not write in this space.

Ans: _____

26. When a number is divided by 5, its quotient is 840 and its remainder is 4. What is the number?

Ans: _____

27. 78 x 200 = 78 x 2 x ___?___

Ans: _____

28. Gerald has equal number of balls in Box A and Box B at first. He removes 120 balls from Box A and adds 120 balls into Box B. There is a total of 500 balls in both boxes in the end. How many balls are there in Box A in the end?

Ans: _____

29. For every 2 points scored in a quiz, 8 stickers are given.
How many points must be scored to collect 480 stickers?

Do not write in this space.

Ans: _____

30. Benny has 140 bottles to be packed into boxes. 6 bottles can be packed into each box. What is the least number of boxes Benny needs in order to pack all his bottles into boxes?

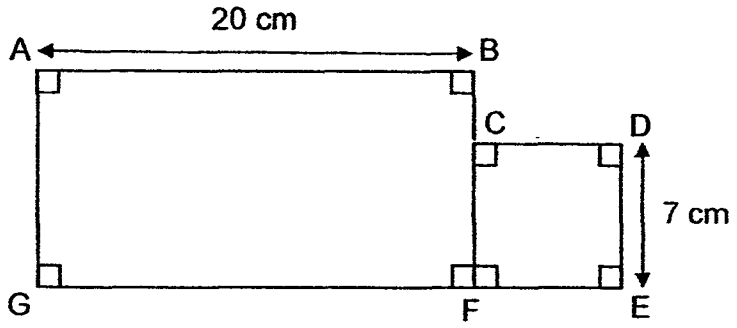
Ans: _____

31. The sum of two numbers is 9408. The difference of the two numbers is 2000. What is the value of the smaller number?

Ans: _____

Do not write in this space.

32. The figure below is not drawn to scale.
ABFG is a rectangle and CDEF is a square. AB is 20 cm. DE is 7 cm.
What is the length of GE?



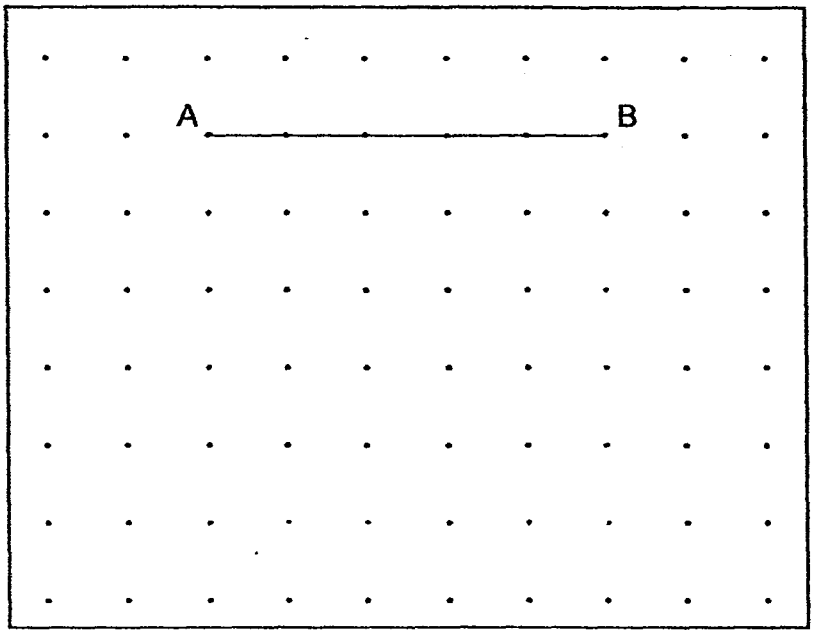
Ans: _____ cm

33. Wendy has two strings of length 16 cm and 20 cm. She cuts each string into shorter pieces of equal length. Every shorter piece from both strings is of the same length. What is the greatest possible length of each shorter piece of string?

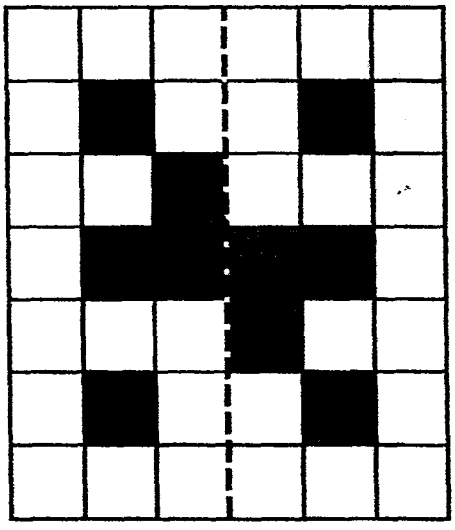
Ans: _____ cm

34. AB is one side of a square. Draw the square in the dot grid provided.

Do not write in this space.



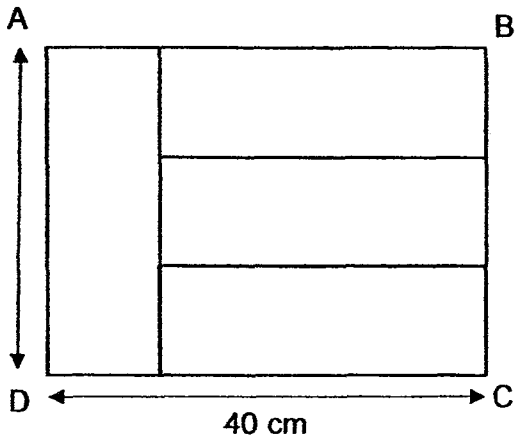
35. The dotted line in the figure below is a line of symmetry.
Complete the symmetric figure by shading two more squares.



Do not write in this space.

36. 4 identical rectangles are used to form a bigger rectangle ABCD.

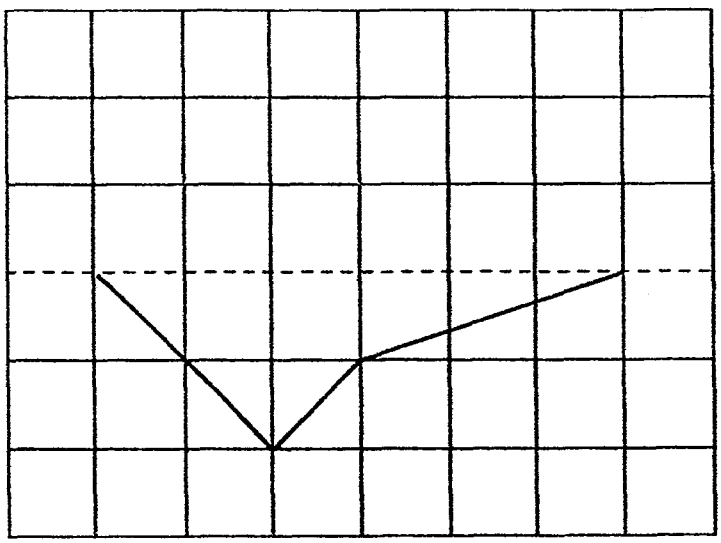
What is the length of AD?



Ans: _____ cm

37. The dotted line in the figure below is a line of symmetry.

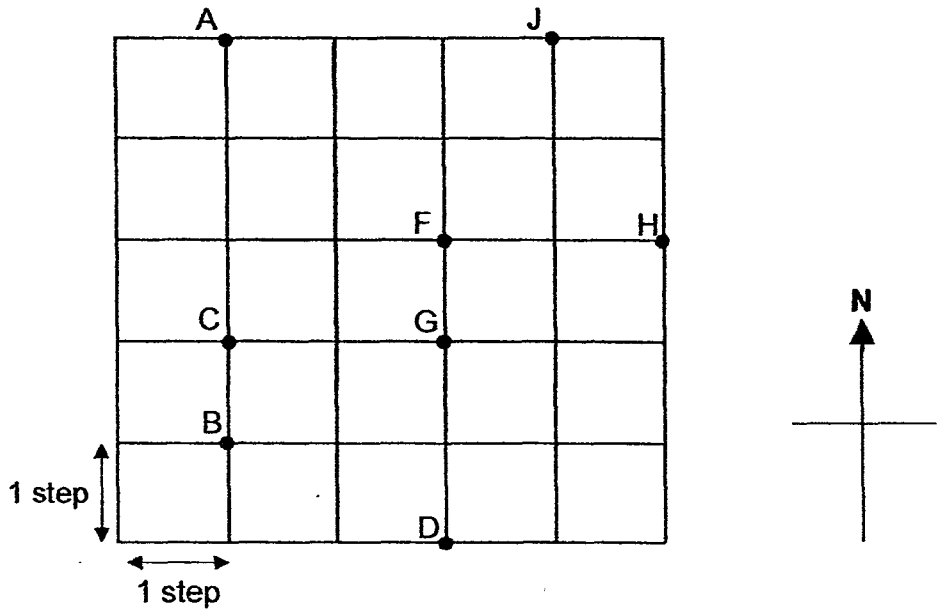
Complete the symmetric figure with the dotted line as the line of symmetry.



A, B, C, D, F, G, H, J are points on the map.

Study the map and answer questions 38 to 40.

Do not write in this space.



38. Nathan is standing at point F. He turns to face point A.
Which direction is Nathan facing from point F?

Ans: _____

39. Lorraine is standing at point G. She walks to the next point in the south direction from point G. Which point will she be at after the walk?

Ans: _____

40. Siti is standing at one of the points on the map. She walks in the north-east direction to point J. Which point was she standing at before the walk?

Ans: _____

– END OF SECTION B –

Section C: Word Problem Sums (20 marks)

Question 41 to 45 carries 4 marks each. Write your answer in the blank provided. Show your workings clearly.

Do not write in this space.

41. A farmer had 6790 oranges. She sold 309 oranges to each of her 8 customers and gave away 1324 oranges.

How many oranges did she have left?

Ans: _____ [4]

42. Sami bought a shirt, a bag and a cap. The shirt cost $82 more than the cap. The bag cost $57 more than the shirt. He paid $323 in total.

How much did the shirt cost?

Do not write in this space.

Ans: _____ [4]

43. Jacky, Ken and Lindy scored a total of 520 points in a game.
Ken had 30 more points than Jacky. Lindy had thrice as many points as the total number of points Ken and Jacky had.
How many points did Ken have?

Do not write in this space.

Ans: _____ [4]

44. Raymond, Sarah and Kim had a total of 829 bottle caps. Raymond had 271 more bottle caps than Sarah. Sarah had 4 times as many bottle caps as Kim. How many bottle caps did Sarah have?

Do not write in this space.

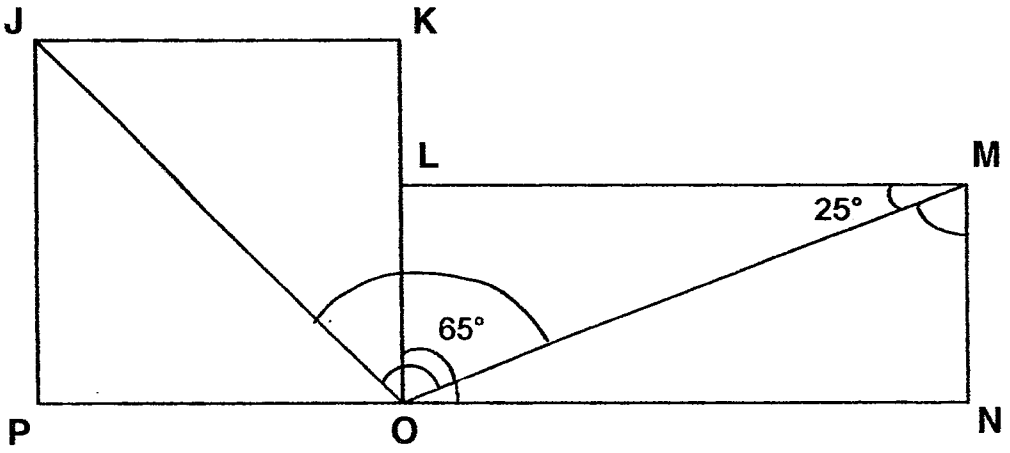
Ans: _____ [4]

45. The figure below is not drawn to scale.

JKOP is a square and LMNO is a rectangle. $\angle LMO$ is 25°. $\angle LOM$ is 65°.

(a) Find $\angle OMN$.

(b) Find $\angle JOM$.



Do not write in this space.

Ans: (a) _____ [2]

(b) _____ [2]

END OF PAPER.
Have you checked your work?

EXAM PAPER 2017
LEVEL : PRIMARY 4
SCHOOL : CATHOLIC HIGH SCHOOL
SUBJECT : MATHEMATICS
TERM : SA1

Free Delivery. 98518229, 98518226, 81612644, 93858586

Paper 1

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

Q21 35 513

Q22 3792

Q23 384

Q24 1,2,4,8

Q25 18,36

Q26 4204

Q27 100

Q28 130

Q29 120

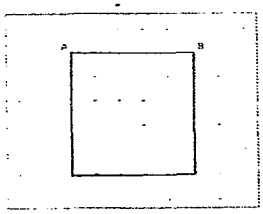
Q30 24

Q31 3704

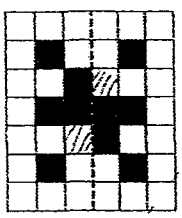
Q32 27cm

Q33 4cm

Q34

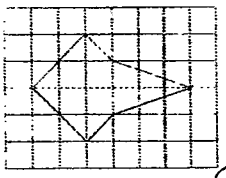


Q35



Q36 30cm

Q37



Q38 North west

Q39 Point D

Q40 Point C

Q41 309 X 8 = 2472
2472 + 1324 = 3796
6790 – 3796 = **2994**

Q42 82 + 82 + 57 = 221
323 – 221 = 102
102 ÷ 3 = 34
34 + 82 = **116**

Q43 30 X 4 = 120
520 – 120 = 400
400 ÷ 8 = 50
50 + 30 = **80**

Q44 829 – 271 = 558
558 ÷ 9 = 62
62 X 4 = **248**

Q45 (a) 90° – 25° = **65°**

(b) 90° ÷ 2 = 45°
45° + 65° = **110°**

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2
END.

SEMESTRAL ASSESSMENT 1

Primary 4 MATHEMATICS

4 MAY 2017

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 81 209, what does the digit '2' stand for?

   (1) 20
   (2) 200
   (3) 2000
   (4) 20 000

2. How many hundreds are there in 23 600?

   (1) 6
   (2) 36
   (3) 236
   (4) 2360

3. What is 90 499 rounded to the nearest ten?

   (1) 90 000
   (2) 90 490
   (3) 90 500
   (4) 91 000

4. 1423, 1723, 2123, _____ , 3223

   Which one of the following is the missing number?

   (1) 2523
   (2) 2623
   (3) 2723
   (4) 2823

5. Which one of the following is **not** a factor of 30?

(1) 5

(2) 2

(3) 3

(4) 4

6. 2, 3 and 9 are some of the common factors of 18 and _____.

(1) 12

(2) 24

(3) 27

(4) 36

7. The sum of the first four multiples of 6 is _____ .

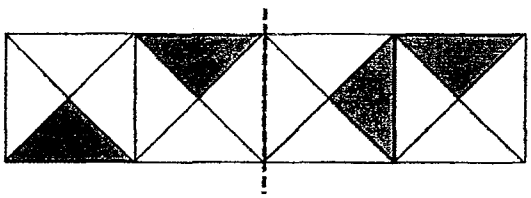
(1) 60

(2) 24

(3) 12

(4) 10

8. The figure below is made up of 4 identical squares



Using the dotted line as the line of symmetry, how many triangles must you shade so that the figure is symmetrical?

(1) 1

(2) 2

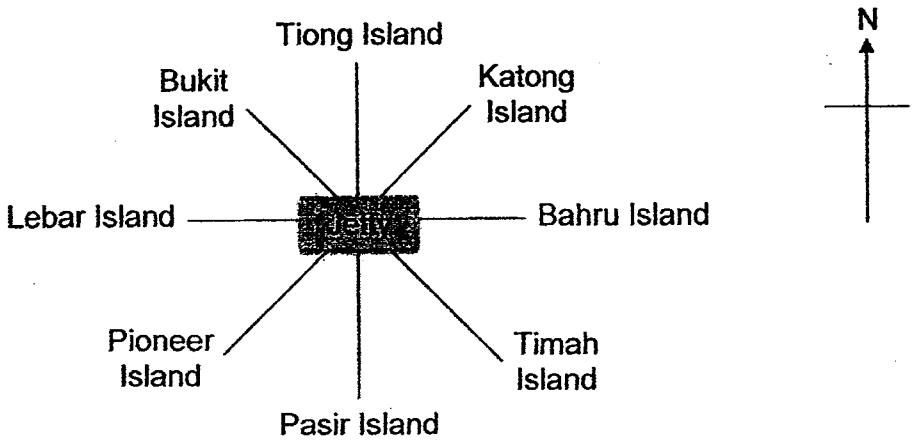
(3) 3

(4) 4

9. During a match, 6312 students were put into groups of 7.
How many students were in groups of 7?

(1) 901
(2) 910
(3) 6300
(4) 6307

Use the diagram below to answer Questions 10 and 11.



10. Bukit Island is _____ of the jetty.

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

11. Ahmad is at the jetty, facing Lebar Island. He makes a $\frac{3}{4}$ - turn in an anti-clockwise direction. Which island will he be facing?

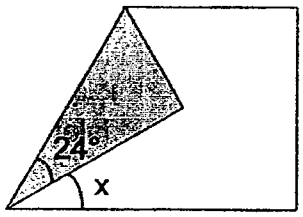
(1) Pasir Island
(2) Timah Island
(3) Katong Island
(4) Tiong Island

12. Joshua's swimming lesson started at 9.15 a.m. and ended at 10.30 a.m. How many right angles did the minute hand move during this duration?

(1) 7
(2) 6
(3) 5
(4) 4

13. A rectangular piece of paper is folded as shown below. Find $\angle x$.

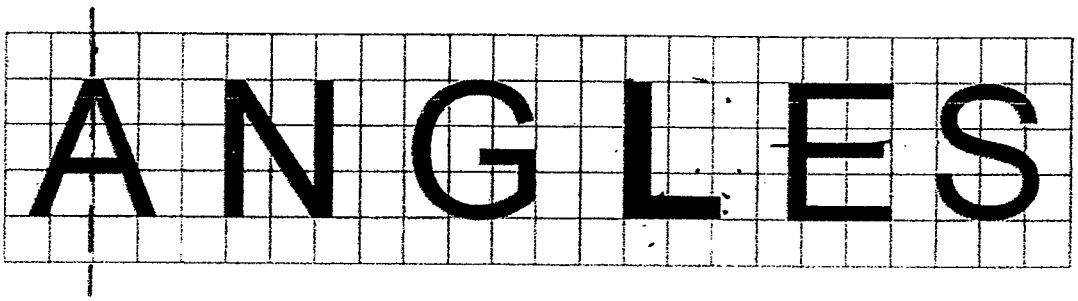
(1) 24°
(2) 33°
(3) 42°
(4) 66°



14. Nora's monthly salary is $2470. She spends $1560 and saves the rest every month. How much will she save in 4 months?

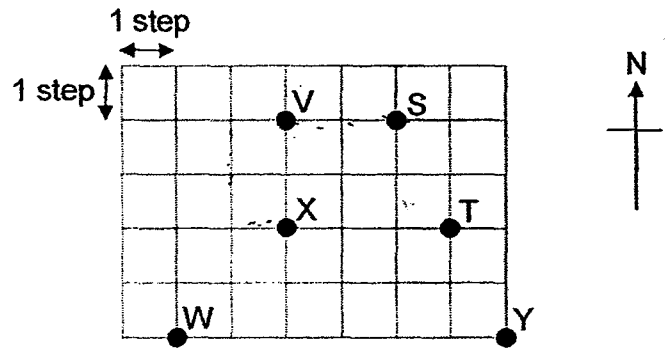
(1) $910
(2) $3640
(3) $4440
(4) $6240

15. How many of the letters below have a line of symmetry?



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

16. David was at a certain position. He moved 3 steps west and 2 steps south. Finally, he took one step east. He ended up at position X.
What was his starting position?



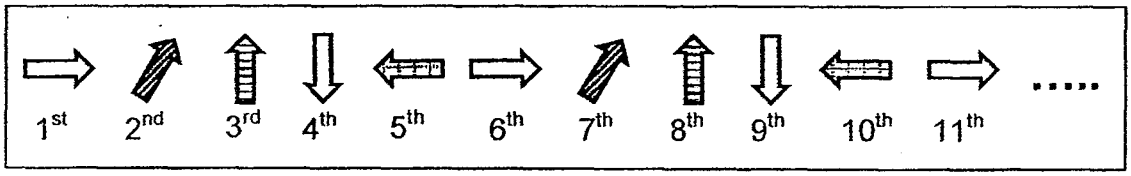
(1) S

(2) T

(3) W

(4) Y

17. Study the pattern below carefully.



The pattern continues in the same manner. What will the **22nd** arrow be?

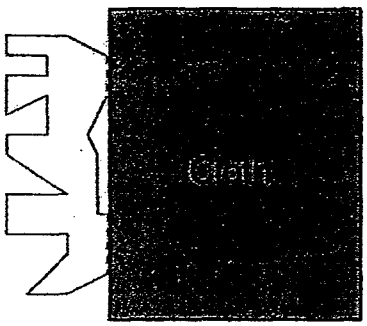
(1)

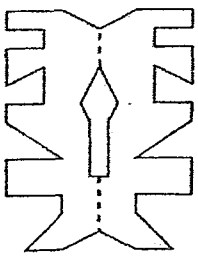
(2)

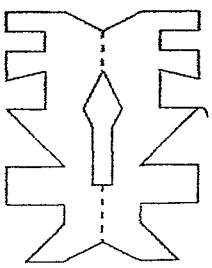
(3)

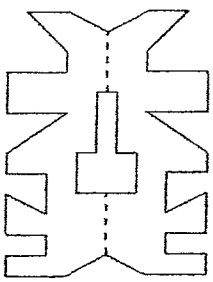
(4)

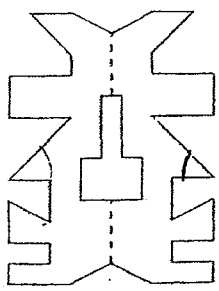
18. A piece of cloth covered half of the symmetrical figure as shown below. Which one of the following would be the complete figure when the cloth is removed?



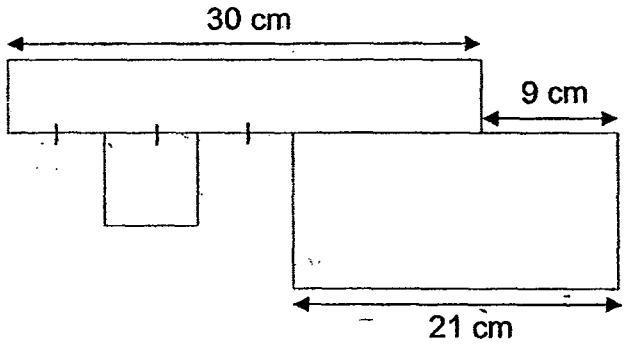
(1) 

(2) 

(3) 

(4) 

19. The figure below is made up of two rectangles and a square. Find the length of one side of the square.



(1) 6 cm

(2) 7 cm

(3) 3 cm

(4) 4 cm

20. Alice, Bernard, Carrie, Daniel and Elijah went to a party. If every one of them shook hands with each other only once, how many handshakes were there altogether?

(1) 20

(2) 10

(3) 9

(4) 4

End of Booklet A

Go on to Booklet B

MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1

Primary 4 MATHEMATICS

4 MAY 2017

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

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. Write ninety-eight thousand, eight hundred and seventy-seven in numerals.

Answer: _____

22. Form the smallest 4-digit odd number using the digits below.
Do not begin your answer with '0'.

0	9	6	5	4

Answer: _____

23. Divide 6104 by 8.

Answer: _____

24. The product of 374 and 15 is _____.

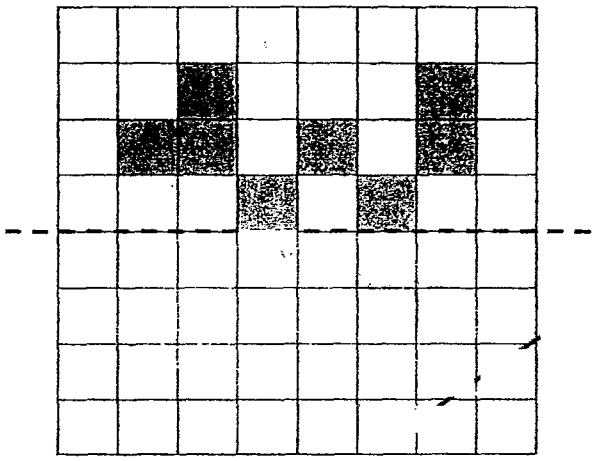
Answer: _____

SCORE

(Go on to the next page)

25. Complete the figure below using the dotted line as the line of symmetry. Colour the correct squares completely with a pencil.

Do not write in this space.



26. Use the line below to draw ∠ ABC such that it is 145°. Mark out the angle and label point C in the figure.

A B

27. In 5☼03, ☼ stands for a digit. When 5☼03 is divided by 9, the quotient is 567 with no remainder. What is ☼ ?

Answer: _____

SCORE

(Go on to the next page)

28. Jovan's saving was $2500 when rounded to the nearest hundred. Find the **greatest** possible amount of money Jovan saved.

Do not write in this space.

Answer: $_____

29. Find the sum of the third multiple of 8 and sixth multiple of 5.

Answer: _____

30. A number is a factor of 32 but **not** a multiple of 4. It is more than 1. What is the number?

Answer: _____

31. Wei San had twice as many beads as Polly at first. Wei San gave 28 beads to Polly and they have the same number of beads now. How many beads did Wei San have at first?

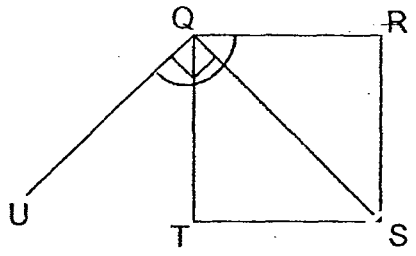
2

Answer: _____

SCORE

(Go on to the next page)

32. The figure below is not drawn to scale. QRST is a square. Find $\angle$ RQU.



Answer: _____

33. Xiao Hao started with a number. He multiplied it by 4 and then added 8 to it. He had an answer of 136 in the end. What number did Xiao Hao start with?

Answer: _____

34. Farmer William built a pigsty 20 m long and 16 m wide. He placed each stake 4 m apart from the other to hold up the wire mesh. How many stakes did he use altogether to build the pigsty?

Answer: _____

SCORE

(Go on to the next page)

35. Sylvia sold an equal number of muffins each day. She sold 420 muffins in 6 days. How many muffins would she sell in 30 days?

Answer: _____

---

36. Danny and Nicholas had $800. After Danny spent $130 and Nicholas spent $220, Nicholas was left with 4 times as much as Danny. How much money had Danny in the end?

Answer: $_____

---

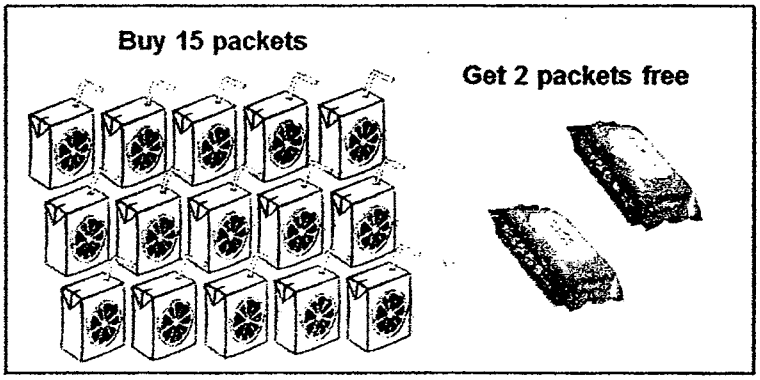
37. Jenny has some two-dollar notes and five-dollar notes. The total value of these notes is $180. There are 6 more two-dollar notes than five-dollar notes. How many five-dollar notes does Jenny have?

Answer: _____

SCORE

(Go on to the next page)

38. A shop is giving away 2 packets of wet wipes free for every 15 packets of orange juice purchased.



Mrs Fernandez bought orange juice from the shop and received 12 packets of wet wipes free. How many packets of orange juice did she buy?

Answer: _____

39. The figure below shows 4 identical rectangles. How many rectangles must you add to make the figure into a 12-cm square?

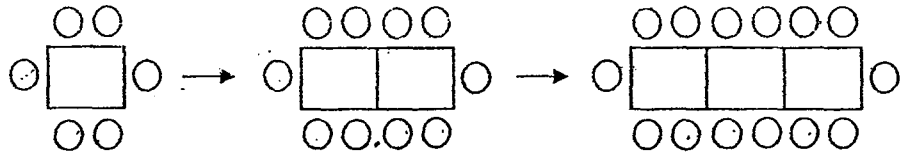
Answer: _____

SCORE

(Go on to the next page)

40. Tables and chairs are arranged in a manner shown below.

Do not write in this space.



1 table 2 tables 3 tables

When **15 tables** are arranged in the same manner, how many chairs are needed?

Answer: _

SCORE

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. Mrs Wong bought 8 air tickets.
6 of them cost $476 each and the rest cost $1168 each.
How much did Mrs Wong spend on these air tickets altogether?

Answer: _____ [4]

42. There were 880 coins in Containers A and B.
After 52 coins were transferred from Container A to Container B, Container A has 3 times as many coins as Container B.

How many coins were in Container A at first?

Do not write in this space.

Answer: _____ [4]

43. Matthias has to pack some biscuits into bags.
He has more than 40 but less than 75 biscuits.
If he puts 8 biscuits in each bag, he will be short of 7 biscuits.
If he puts 7 biscuits in each bag, he will have 2 biscuits left.

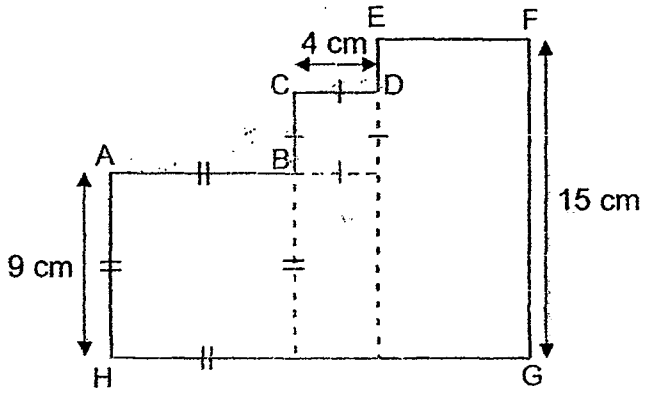
How many biscuits does Matthias have?

Do not write in this space.

Answer: _____ [4]

44. The figure below is made up of 2 rectangles and 2 squares of different sizes. The perimeter of the figure is 70 cm. Find the length of EF.

Do not write in this space.



Answer: _____ [4]

45. Andika planned to give an equal number of stickers to the 19 friends he had invited to his birthday party.
However, one of them fell sick on that day and could not attend the party.
In the end, the rest of his friends received 2 more stickers each.

How many stickers did Andika give away at the party altogether?

Do not write in this space.

Answer: _____ [4]

END.

EXAM PAPER 2017
LEVEL : PRIMARY 4
SCHOOL : Maris Stella High School (Primary)
SUBJECT : MATHEMATICS
TERM : SA1

Booklet A

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

Booklet B

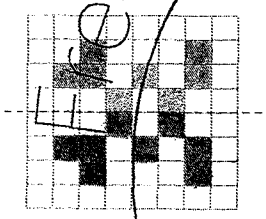
Q21 98 877

Q22 4059

Q23 763

Q24 5610

Q25



Q26

Q27 1

Q28 $2549

Q29 54

Q30 2

Q31 112 beads

Q32 135°

Q33 32

Q34 18

Q35 2100 muffins

Q36 $90

Q37 24 five-dollars notes

Q38 90 packets

Q39 8 rectangles

Q40 62 chairs

Free Delivery: 98518229, 98518226, 81612644, 93858586

Booklet C

Q41 $476 X 6 = $2856
$1168 x 2 = $2336
$2856 + $2336 = **$5192**

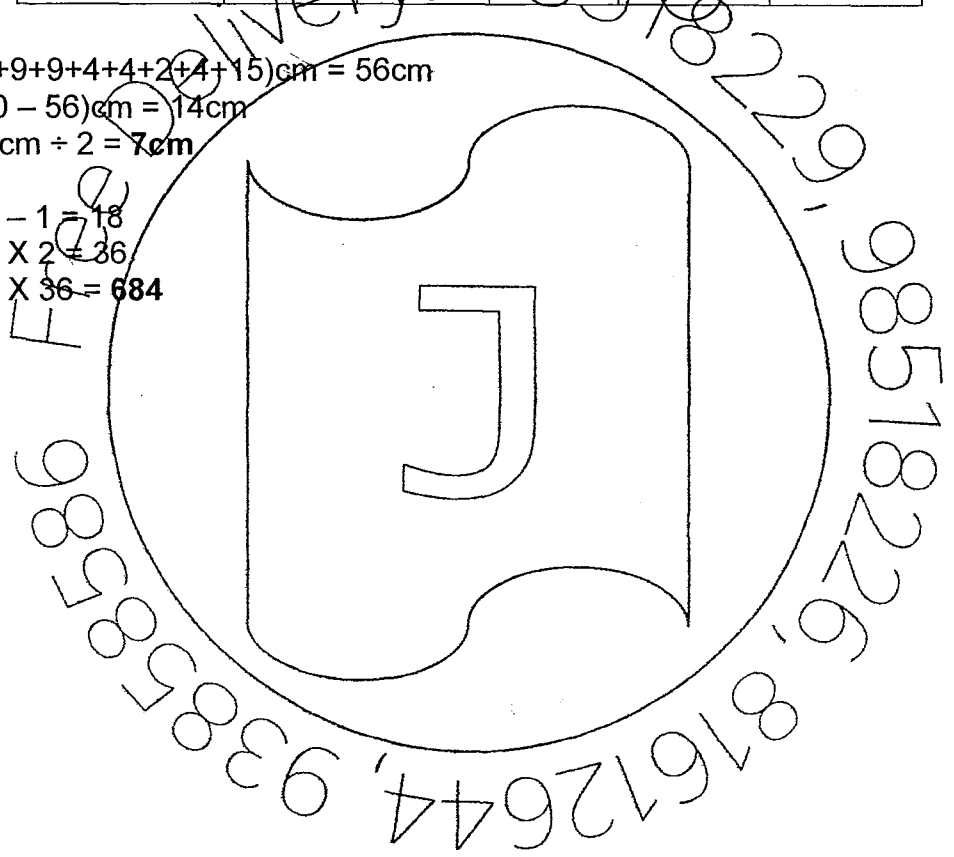
Q42 880 ÷ 4 = 220
220 x 3 = 660
660 + 52 = **712**

Q43

Multiple of 8	40	48	56	64	72
-7	33	41	49	57	**65**
Multiple of 7	42	49	56	63	70
+2	44	51	58	**65**	72

Q44 (9+9+9+4+4+2+4+15)cm = 56cm
(70 – 56)cm = 14cm
14cm ÷ 2 = **7cm**

Q45 19 – 1 = 18
18 X 2 = 36
19 X 36 = **684**



END

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

MID-YEAR EXAMINATION 2017
PRIMARY 4
MATHEMATICS

BOOKLET A

Total Time

Sections A to C: 1 hour 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: 5 May 2017

36

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. Ninety-three thousand, four hundred and seven written in figures is _____.

   (1) 93 470
   (2) 93 407
   (3) 93 400
   (4) 93 047

2. In 89 345, the digit 9 stands for _____.

   (1) 9 tens
   (2) 9 hundreds
   (3) 9 thousands
   (4) 90 thousands

3. 23 796, 24 696, 25 596, _____, 27 396

   What is the missing number in the number pattern?

   (1) 25 496
   (2) 25 696
   (3) 26 496
   (4) 26 696

4. A number when rounded to the nearest **ten** gives 22 400. What is the number?

   (1) 22 389
   (2) 22 399
   (3) 22 410
   (4) 22 439

5. 12 is a common multiple of _____.

(1) 2 and 8
(2) 3 and 4
(3) 24 and 36
(4) 12 and 48

6. A number when divided by 4 has a quotient of 92 and remainder of 3. What is the number?

(1) 23
(2) 26
(3) 365
(4) 371

7. $\frac{1}{3}+\frac{1}{3}+\frac{2}{3}=\frac{\square}{6}$

(1) 8
(2) 2
(3) 7
(4) 4

8. $3\frac{2}{5}=1+1+\frac{\square}{5}$

(1) 12
(2) 2
(3) 10
(4) 7

9. How many quarters are there in $7\frac{3}{4}$?

(1) 31
(2) 28
(3) 3
(4) 21

10 The difference between two fractions is $\frac{1}{3}$. The bigger fraction is $\frac{3}{5}$. What is the sum of the two fractions?

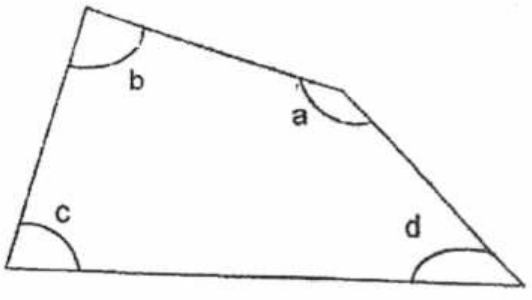
(1) $\frac{1}{2}$
(2) $\frac{4}{15}$
(3) $\frac{13}{15}$
(4) $\frac{14}{15}$

11. Cindy had 792 mℓ of cooking oil. She had $\frac{5}{8}$ of the oil left after cooking dinner. How much oil did she use?

(1) 99 mℓ
(2) 297 mℓ
(3) 495 mℓ
(4) 2 112 mℓ

12. In the figure, which one of the following is an obtuse angle?

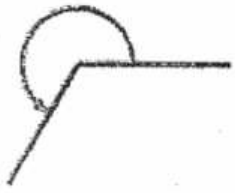
(1) $\angle$ a
(2) $\angle$ b
(3) $\angle$ c
(4) $\angle$ d



13. Which one of the following marked angles shows an angle between 270° and 360°?

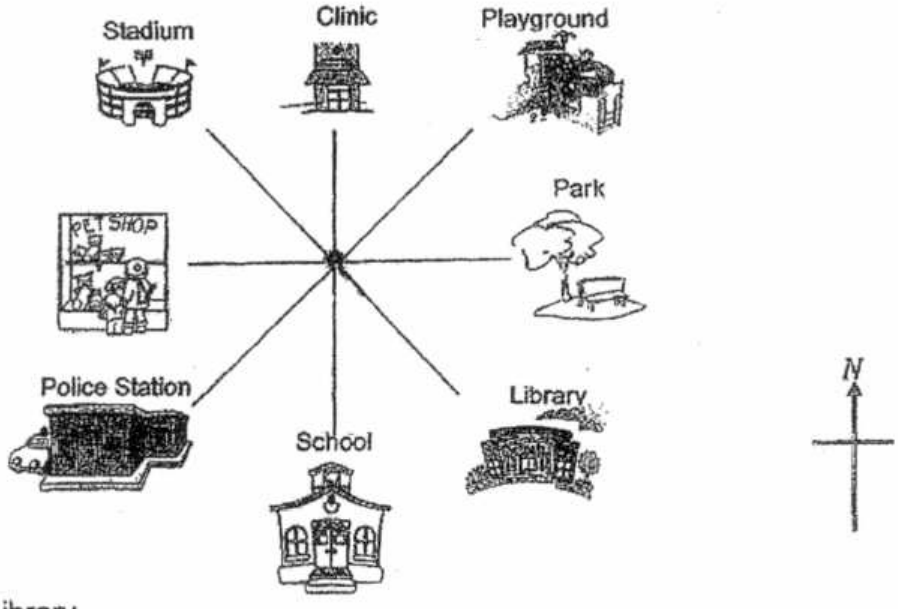
(1)

(3)

(2) 

(4)

14. Iskandar is facing South-West after making a $\frac{3}{4}$ turn clockwise. Which direction was he facing at first?



(1) Library
(2) Stadium
(3) Police Station
(4) Playground

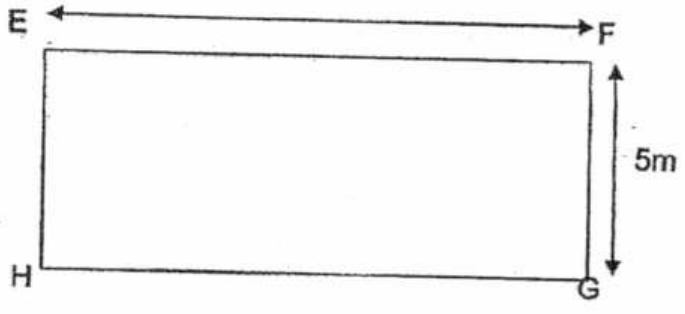
15. There were 8 448 people who attended a concert. There were three times as many women as men. How many **more** women than men were there at the concert?

(1) 2 112
(2) 2 816
(3) 4 224
(4) 5 632

16. Ai Ting bought 5 packets of marbles. Each packet contained 240 marbles. She repacked all the marbles into smaller bags of 8 marbles each. How many bags of marbles did she have?

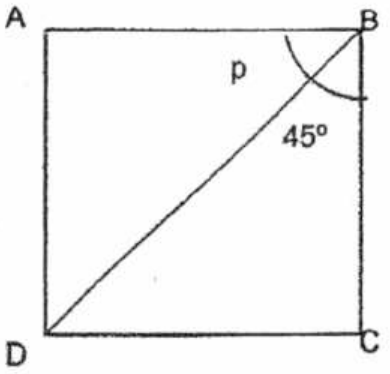
(1) 30
(2) 48
(3) 150
(4) 384

17. EFGH is a rectangle with perimeter 40 m. FG = 5 m.
What is the length of EF?



(1) 10 m
(2) 15 m
(3) 20 m
(4) 30 m

18. In the figure below, ABCD is a square. Which one of the following statements is **true**?



(1) $\angle ABD = \angle BAD$

(2) $\angle ADB = 45°$

(3) $\angle DAB$ is smaller than a right angle.

(4) $\angle BDC + \angle ADB$ is greater than a right angle.

End of Booklet A

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

MID-YEAR EXAMINATION 2017
PRIMARY 4
MATHEMATICS

BOOKLET B

Total Time

Sections A to C: 1 hour 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: 5 May 2017

/36

This booklet consists of 7 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. Express all fractions in its simplest form.

19. Write 58 749 in words.

_____

20. Use the digits below to form the **smallest** 5-digit **even** number with the digit 8 in the tens place.

2	9	4	1	8

Ans: _____

21. List all the common factors of 24 and 56.

Ans: _____

22. What is the quotient when 6 073 is divided by 8?

Ans: _____

23. Sarah wants to have the choice of cutting a piece of ribbon into 4 cm or 6 cm exactly. What is the **shortest** length of ribbon she needs to buy?

Ans: _____ cm

24. Subtract 45 tens from 56 thousands. Round your answer to the nearest **hundred**.

Ans: _____

25. Oranges were sold in bags of 6. Alex needs 2 662 oranges for a school function. What is the **least** number of bags he should buy?

Ans: _____

26. Mrs Raja has 56 pupils. She wants to give each pupil 2 cupcakes. Each cupcake costs 45 cents. How much will she need to pay for the cupcakes?

Ans: $_____

27. (a) Express $6\frac{2}{8}$ as an improper fraction.

(b) Express $\frac{86}{3}$ as a mixed number.

Give **all** your answers in its simplest form.

Ans: (a)_____

(b)_____

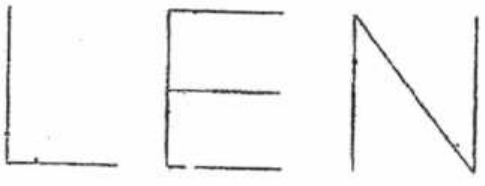
28. Subtract $\frac{4}{9}$ from $5\frac{4}{6}$. Give your answer in its simplest form.

Ans: _____

29. Look at the letters below. Identify:

(a) The total number of right angles

(b) The total number of acute angles



Ans: (a) _____

(b) _____

30. Arrange the following fractions in **decreasing** order.

$$2\frac{3}{4}, \quad \frac{11}{3}, \quad \frac{14}{5}$$

Ans: _____

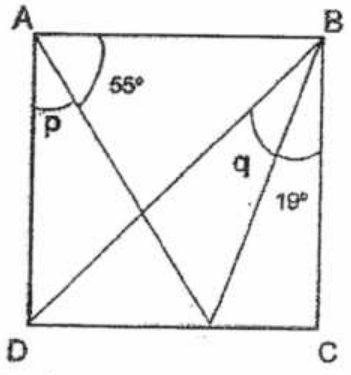
31. $\angle XYZ = 165°$. Draw the angle in the space below.
Mark the angle, $\angle XYZ$, and label YZ clearly.

32. Siti bought a tray of 30 eggs. She used 7 eggs to bake a cake. She fried 5 eggs for dinner. What fraction of the eggs was left? Give your answer in its simplest form.

Ans: _____

33. In the figure below, ABCD is a square.

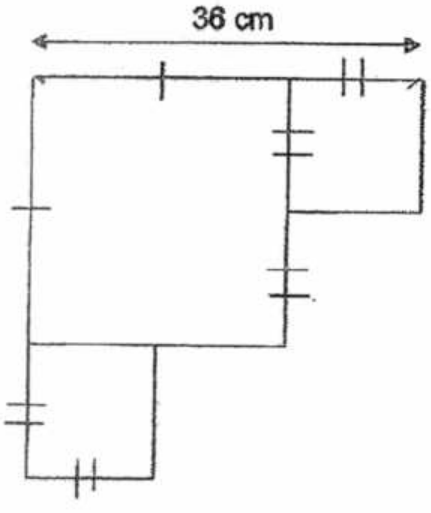
(a) Find $\angle$ p.
(b) Find $\angle$ q.



Ans: (a)_____°

(b)_____°

34. The figure below shows 1 big square and 2 smaller identical squares. The length of the big square is twice the length of the smaller square. Find the perimeter of the figure.



Ans: _____cm

35. Ali gave $375 per month to his wife. He gave $150 per month to his son. How much did he give his wife and son in half a year?

Ans: $_____

36. Emma spent $50 on books, $36 on food, $14 on stationery and had $25 left. What fraction of her money did she spend on books?

Ans: _____

End of Booklet B

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

MID-YEAR EXAMINATION 2017
PRIMARY 4
MATHEMATICS

BOOKLET C

Total Time

Sections A to C: 1 hour 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: 5 May 2017

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.

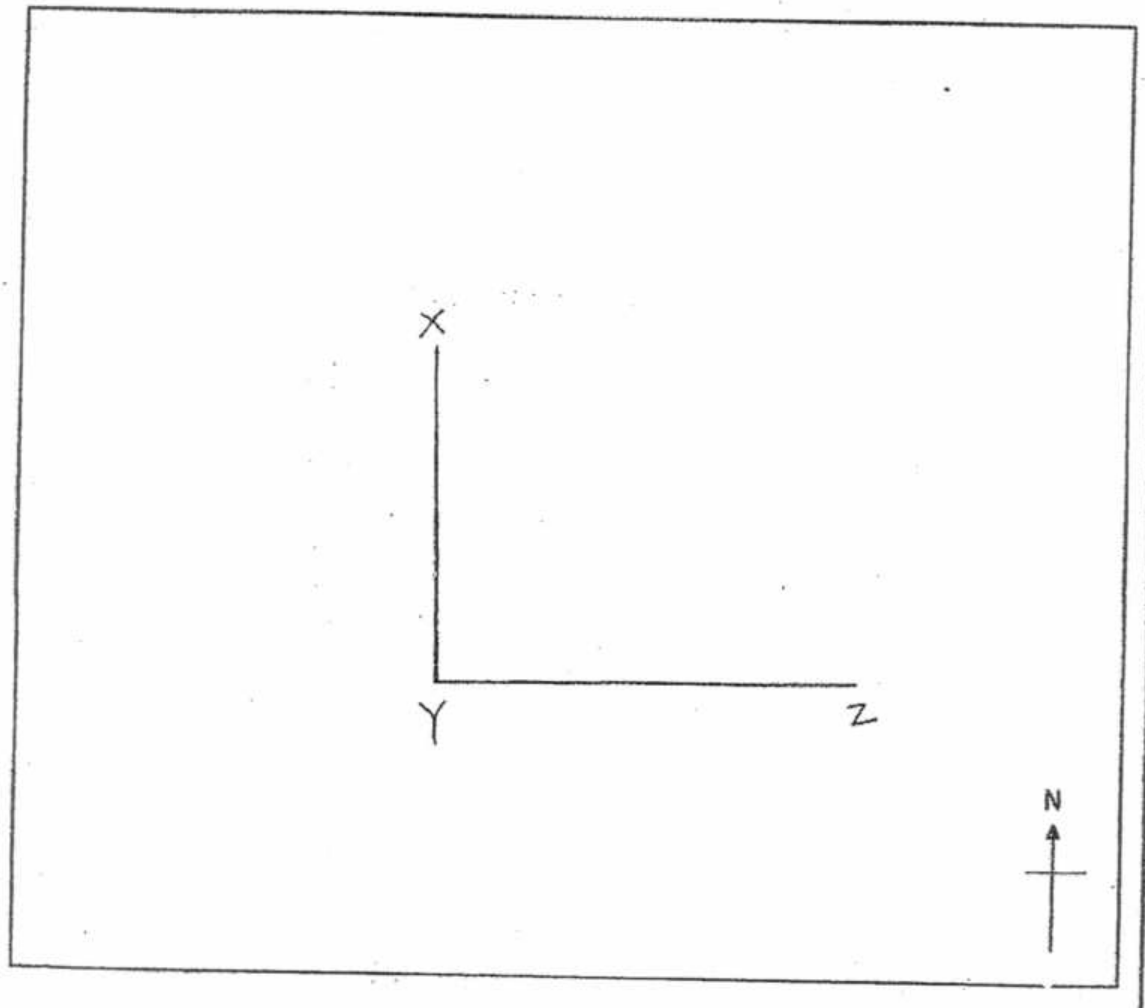
Do not write anything within this margin.

37. The figure below shows a map. Point X is **north** of Point Y on the map.

(a) The length of YZ on the map is 5 cm.
Construct and label point Z such that Z is **east** of Y.
Draw the two lines YZ and XZ. [2]

(b) In which direction is Point Z from Point X? [1]

(c) What is $\angle XZY$? [1]



Ans : (b) _____ [1]

(c) $\angle XZY$ = _____ [1]

38. Mr Ali had \$7 200. He spent $\frac{1}{2}$ of his money on a television set and $\frac{1}{5}$ of it on a dining set. How much money had he left?

Do not write anything within th margin.

Ans: _____ [3]

39. Ken and George made 318 paper cranes altogether.
Ken and Siva made 852 paper cranes altogether.
Siva made 4 times as many paper cranes as George.
How many paper cranes did Ken make?

Do not write anything within this margin.

Ans: _____

40. A bag contains green, red and blue balls. There were three times as many red balls as blue balls, and twice as many green balls than red balls. There were 3 530 fewer blue balls than green balls.
How many more red balls than blue balls were there?

Do not write anything within this margin.

Ans: _____

41. Dorothy used $1\frac{2}{3}$ kg of flour to bake 10 muffins.

To bake a cake, she used $1\frac{1}{4}$ kg more flour than the amount used for the muffins.

(a) How much flour did she use to bake the cake?

(b) How much flour will she need to bake 20 muffins and a cake?
Give all your answers in the simplest form.

Do not write anything within this margin.

Ans : (a) _____ (1)

(b) _____ (3)

42. At the zoo, the total cost of one adult and two child tickets is $56.
The cost of a child ticket is $11 less than an adult ticket.
How much would Mr Lim have to pay for his whole family of 4 adults and 6 children?

Do not write anything within this margin.

Ans: _____

43 The number of females was 6 times the number of males at a stadium. After 946 females left and another 234 males arrived at the stadium, there was an equal number of females and males.
How many people were there at the stadium at first?

Do not write anything within this

Ans: _____ (4)

44. Mr David gave some cookies to his pupils.

If he gave each pupil 7 cookies, he would have 10 cookies left.

If he gave each pupil 9 cookies, he would be short of 4 cookies.

How many pupils did Mr David have?

Do not write anything within this margin.

Ans: _____ (3)

2017 EXAM PAPER

ANSWER SHEET

SCHOOL METHODIST GIRLS' SCHOOL (PRIMARY)
LEVEL PRI 4
SUBJECT MATH
TERM MID YEAR 2017

CONTACT

BOOKLET A

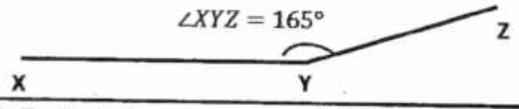
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	3	2	2	4	1	4	1	3

Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18
2	1	4	2	3	3	2	2

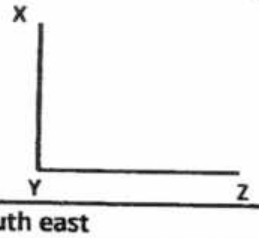
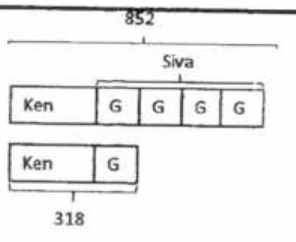
BOOKLET B

Q19	**Fifty-eight thousand, seven hundred and forty-nine**
Q20	**12984**
Q21	**2, 4, 8**
Q22	**759**
Q23	**6 cm**
Q24	56000 - 450 = 55550 nearest 100 = **55600**
Q25	2662 ÷ 6 = 443.67 number of bags to buy is **444**
Q26	total number of cupcakes needed for 56 pupils is 56 x 2 = 112 She will need to pay 112 x $0.45 = **$50.40**
Q27a	$6\frac{2}{8} = \frac{50}{8}$ $simplest\ form = \mathbf{\frac{25}{4}}$
Q27b	$\frac{86}{8} = 10\frac{6}{8}$ $simplest\ form = 10\frac{3}{4}$
Q28	$5\frac{4}{6} - \frac{4}{9}$ $= \frac{34}{6} - \frac{4}{9}$ $= \frac{102}{18} - \frac{8}{18}$ $= \frac{94}{18} = \frac{47}{9} = 5\frac{2}{9}$

BOOKLET B

Q29a	**5**
Q29b	**2**
Q30	$2\frac{3}{4}, \frac{11}{3}, \frac{14}{5}$ $\frac{11}{4}, \frac{11}{3}, \frac{14}{5}$ $\frac{165}{60}, \frac{220}{60}, \frac{168}{60}$ Decreasing order $= \frac{11}{3}, \frac{14}{5}, 2\frac{3}{4}$
Q31	
Q32	30 -7 - 5 = 18 $\frac{18}{30} = \frac{3}{5}$
Q33a	90 - 55 = **35**
Q33b	90 - 19 - 45 = **26**
Q34	36 + 36 + 12 + 12 + 12 + 12 + 12 + 12 = **144**
Q35	375 + 150 = 525 525 x 6 = **3150**
Q36	50 + 36 + 14 + 25 = 125 fraction of her money spend on books = $\frac{50}{125} = \frac{2}{5}$

BOOKLET C

Q37a	
Q37b	**South east**
Q37c	90°
Q38	Television set= $\frac{1}{2} \times \$7200 = \$3600$ Dining set= $\frac{1}{5} \times \$7200 = \$1440$ He had left \$7200-\$3600-\$1440=**\$2160**
Q39	 Siva : George = 4:1 Assuming number of paper cranes that George made was "G" 3G = 852 - 318 = 534 G = 534 ÷ 3 = 178 Number of paper cranes that Ken made = 318 - 178 = **140**

BOOKLET C

Q40

green : red : blue = 6 : 3 : 1

blue balls = 6 - 1 = 5, $\frac{3530}{5} = 706$

Red ball = 3 - 1 = 2, 706 x 2 = **1412**

Q41a

Amount of flour used to bake a cake

$= 1\frac{2}{3} + 1\frac{1}{4}$

$= \frac{5}{3} + \frac{5}{4}$

$= \frac{20}{12} + \frac{15}{12}$

$= \frac{35}{12} = 2\frac{11}{12}\ kg$

Q41b

20 muffins $= \frac{5}{3} + \frac{5}{3} = \frac{10}{3}$

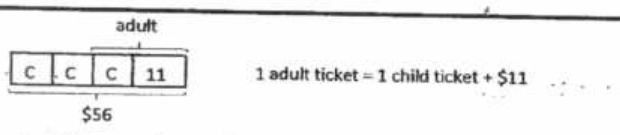
20 muffins and a cake

$= \frac{10}{3} + \frac{35}{12}$

$= \frac{40}{12} + \frac{35}{12}$

$= \frac{75}{12} = 6\frac{3}{12} = \mathbf{6\frac{1}{4}}$

Q42



cost different for 2 children = 11 x 2 = 22

total amount with full rate = 56 + 22 = 78

one adult cost 78 ÷ 3 = 26

one child cost 26 - 11 = 15

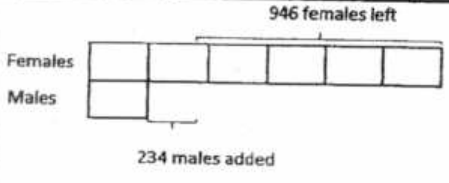
4 adult cost 26 x 4 = 104

6 children cost 15 x 6 = 90

whole family of 4 adult and 6 children

104 + 90 = **$194**

Q43



Number of females : Number of males in stadium = 6 : 1

After 946 females left and 234 males arrived,

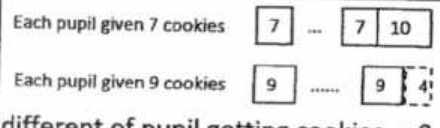
total number of people is 946 + 234 = 1180

As ratio of 1 : 1, 1180 ÷ 5 = 236

total number of people at the stadium at first is

236 x 7 = **1652**

Q44



different of pupil getting cookies = 9 - 7 = 2

different of cookies = 10 - (- 4) = 14

Number of pupils Mr David has:

14 ÷ 2 = **7 pupils**

NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1 – 2017
PRIMARY 4

MATHEMATICS

Section A: 20 Multiple Choice Questions (40 marks)

Section B: 20 Short Answer Questions (40 marks)

Section C: 5 Open-ended Questions (20 marks)

Total Time for: 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.
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 : 5 May 2017 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. Complete the number pattern.

   89 851 , 89 951 , _____ , 90 151 , 90 251 , 90 351

   (1) 80 051

   (2) 80 951

   (3) 90 051

   (4) 90 951 ( )

2. A baker baked 1 599 loaves of bread last month. Round this number to the nearest hundred.

   (1) 1 000

   (2) 1 600

   (3) 1 690

   (4) 2 000 ( )

3. 15 is a common multiple of _____.

   (1) 2 and 5

   (2) 3 and 4

   (3) 3 and 5

   (4) 5 and 10 ( )

4. How many hundreds are there in 18 000?

(1) 18
(2) 180
(3) 1800
(4) 18 000 ( )

5. In 592 360, what does the digit '9' stand for?

(1) 9 tens
(2) 9 hundreds
(3) 9 thousands
(4) 9 ten thousands ( )

6. What is the remainder when 9863 is divided by 4?

(1) 23
(2) 7
(3) 3
(4) 2465 ( )

7. What is the third common multiple of 4 and 6?

(1) 12
(2) 16
(3) 24
(4) 36 ( )

8. There are 46 pencils in a box. How many pencils are there in 9 boxes?

(1) 360

(2) 404

(3) 414

(4) 454 ( )

9. Express $\frac{15}{4}$ as a mixed number.

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

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

(3) $4\frac{1}{5}$

(4) $4\frac{3}{5}$ ( )

10. $\frac{7}{12} = \frac{\square}{4} - \frac{1}{6}$

What is the missing number in the box?

(1) 5

(2) 2

(3) 3

(4) 9 ( )

11. Which one of the following fractions is the smallest?

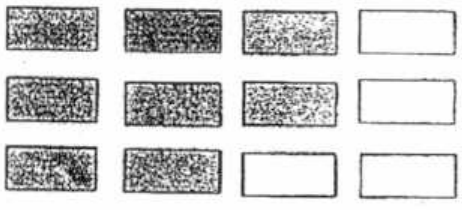
(1) $\frac{2}{5}$

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

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

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

12. What fraction of the rectangles below is shaded?



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

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

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

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

13. Which one of the following does not have the same value as $27 \times \frac{1}{6}$?

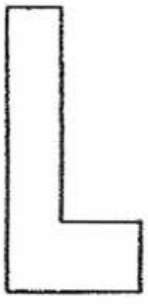
(1) $\frac{9}{2}$

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

(3) $\frac{14}{3}$

(4) $\frac{54}{12}$ ( )

14. How many pairs of **perpendicular lines** are there in the figure?



(1) 5

(2) 6

(3) 3

(4) 4 ( )

15. $\frac{2}{5}$ of a number is 30, what is the number?

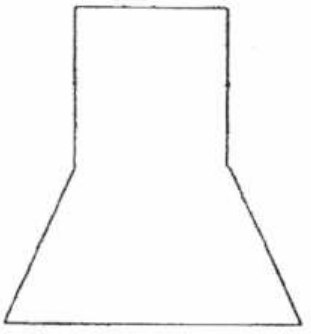
(1) 12

(2) 15

(3) 50

(4) 75 ( )

16. How many pairs of **parallel lines** can you find in the figure below?



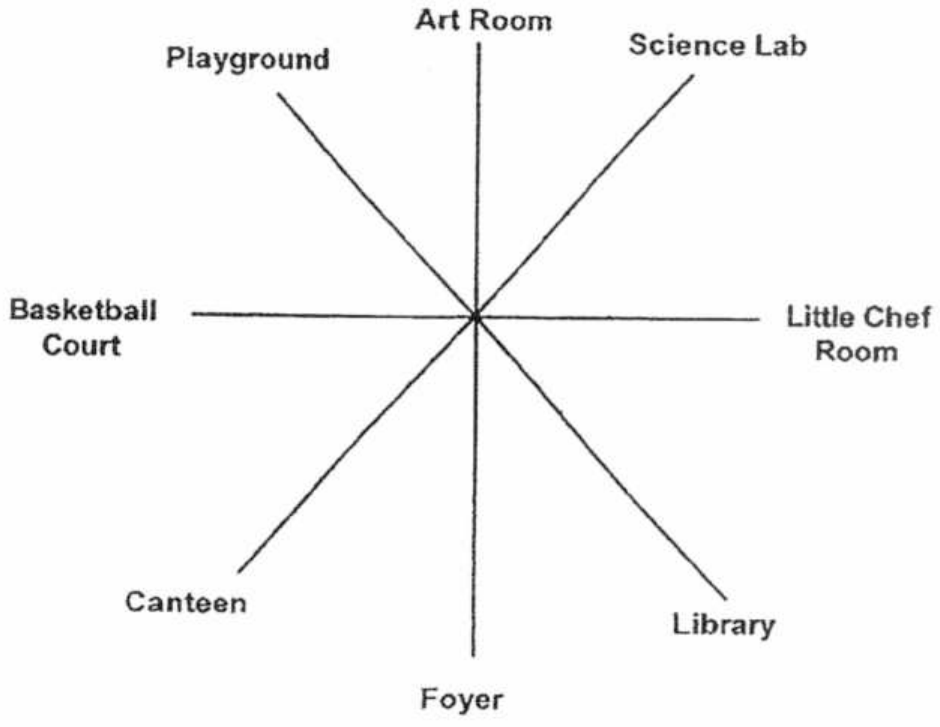
(1) 1

(2) 2

(3) 3

(4) 4 ( )

17.



Annie is facing the library. Where will she be facing if she turns 135°anti-clockwise direction?

(1) Canteen

(2) Art Room

(3) Playground

(4) Basketball Court ( )

18. Gabriel sold $\frac{3}{5}$ of the bookmarks made by his classmates. His classmates made 350 bookmarks in total. How many bookmarks did he sell?

(1) 70

(2) 140

(3) 210

(4) 280 ( )

19. Jane baked 289 cookies. She packed them equally into paper bags. Each paper bag could hold a maximum of 7 cookies. What was the minimum number of such bags needed to pack all the cookies?

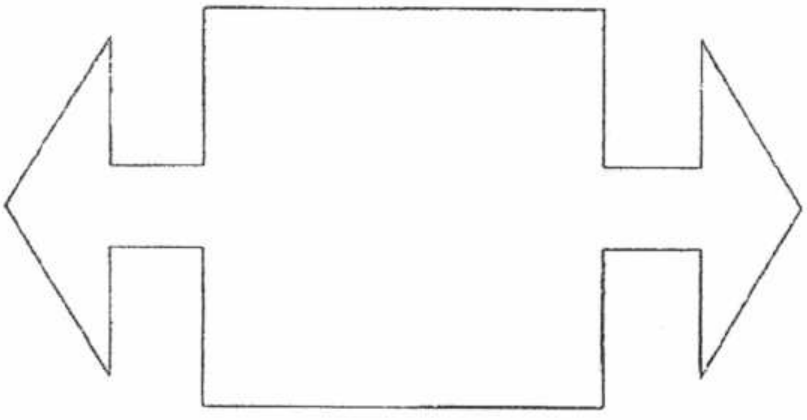
(1) 31

(2) 40

(3) 41

(4) 42 ( )

20. How many angles **inside** this figure are smaller than a right angle?



(1) 12

(2) 10

(3) 8

(4) 4 ( )

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 22 049 in words.

Answer: _____

_____

22. _____ ÷ 4 = 392

Answer: _____

23. List down all the common factors of 27 and 36.

Answer: _____

24. 400 000 + _____ + 800 = 472 800

Answer: _____

25. What is the product of 346 and 68?

Answer: _____

26. A number is 2900 when rounded to the nearest hundred.

a) What is the smallest possible number?

b) What is the greatest possible number?

Answer a) _____

b) _____

27. How many sixths are there in $6\frac{1}{3}$?

Answer: _____

28. Find the smallest 5-digit even number that can be formed with the following digits.

6	7	0	3	5

Answer: _____

29. Find the value $2\frac{4}{5} - 1\frac{3}{10}$

Give your answer in the simplest form.

Answer: _____

30. Arrange the following numbers in **decreasing order.**

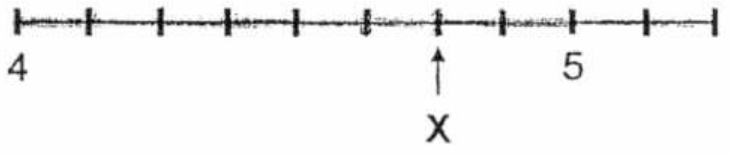
$$\frac{10}{4} \quad , \quad 2\frac{1}{4} \quad , \quad \frac{8}{3}$$

Answer: _____, _____, _____
greatest

31. The total amount of money Susan and Peter saved was $798, Susan saved $166 more than Peter. How much did Susan save?

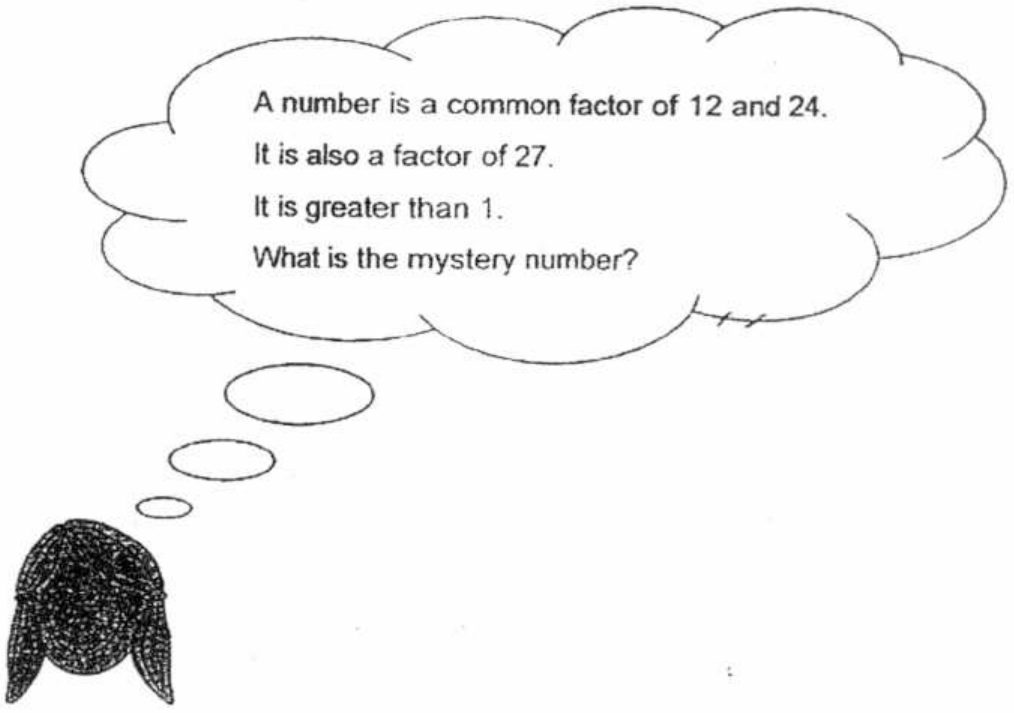
Answer: $_____

32. What is the value of X on the number line? Express the mixed number in its simplest form.



Answer: _____

33.



Answer: _____

34. Mr Tang gave some sweets to his pupils who had participated in the school's 100th year anniversary celebration dance performance. If he gave each pupil 6 sweets, he would have 3 sweets left over. If he gave each pupil 7 sweets, he would need another 3 sweets. How many pupils were involved in the dance performance?

Answer: _____ pupils

35. The clock shows the minute hand pointing at 3. You may use this clock to find the amount of turns made by the minute hand.

Complete the table as shown below.

Time		Turn made by the minute hand	Size of the angle made by the minute hand.
From	To		
(For example) 3 p.m	6 p.m	$\frac{1}{4}$ turn	90°
8 p.m	5 a.m	(a) _____turn	b) _____°

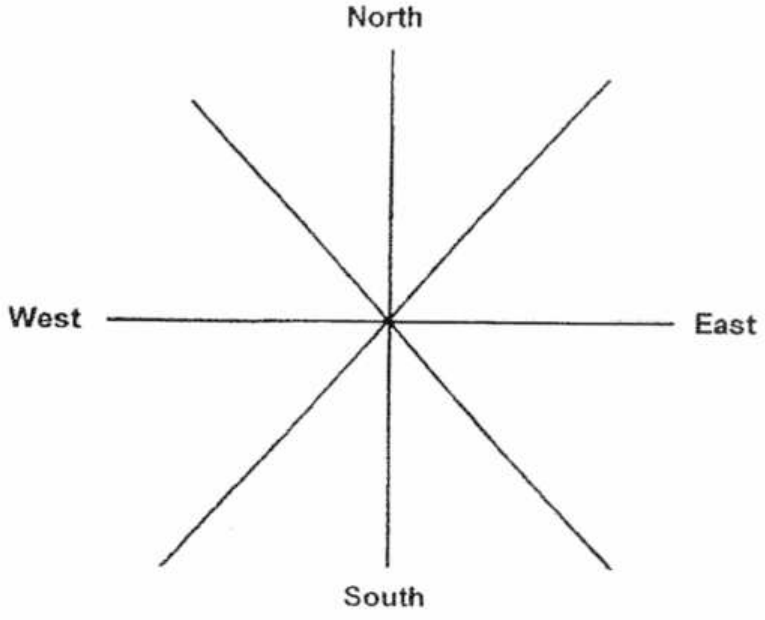
Answer: a)_____turn

b)_____°

36. Macy and Lilian had an equal number of stickers. After Macy gave Lilian 45 of her stickers, Lilian had twice as many stickers as Macy. How many stickers did Lilian have at first?

Answer:_____stickers

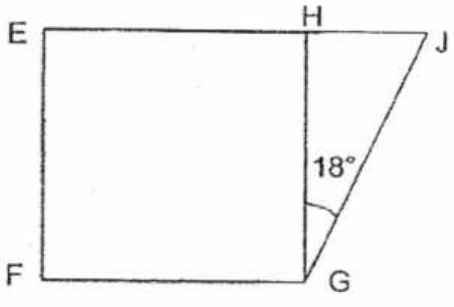
37. Peter is facing South. If he turns 225° anti-clockwise, then turns 180° in clockwise direction, where will he be facing in the end?



Answer: _____

38. The figure below is made up of a square and a triangle. Find ∠FGJ.

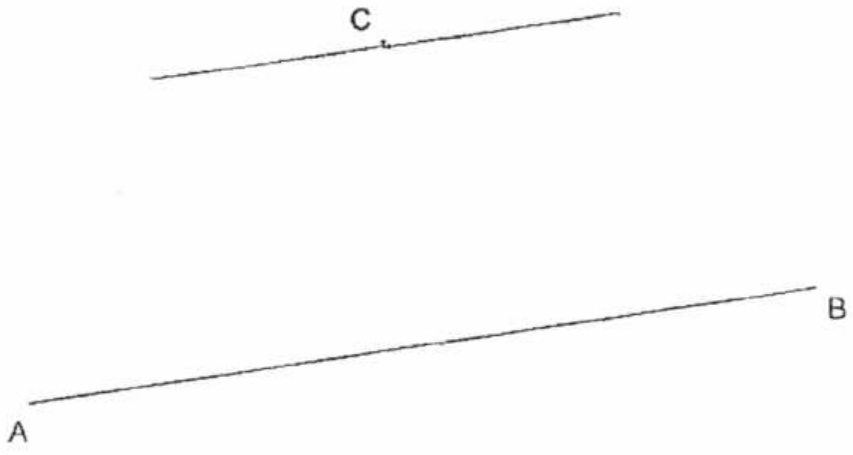
The diagram is not drawn to scale.



Answer: _____°

39. In the space below, the line AB and point C are given.

Draw a line parallel to line AB passing through point C.

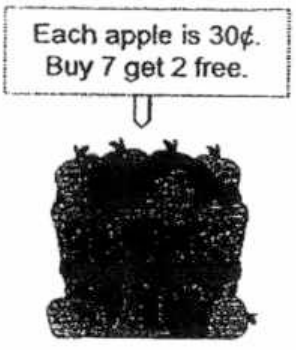


40. Use a ruler and a set square to draw a rectangle ABCD of length 9 cm and breadth 5 cm. Label the rectangle drawn clearly.

Section C (20 marks)

Do the following sums carefully. All statements, workings and units must be clearly shown.

41. Mrs Jacob bought some apples from the market. She had 36 apples in total including the free apples. How much did she pay for the apples?

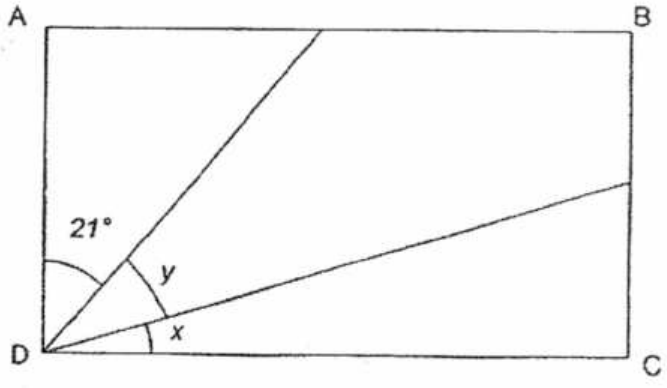


42. Billy's monthly allowance was \$189. He spent $\frac{3}{7}$ of his allowance on food. He saved \$35 and spent the rest of his money on transport. How much money did he spend on transport?

43. The total height of Rina, Harry and Alan is 473 cm. Harry is 37 cm taller than Alan. Rina is 9 cm shorter than Harry. Find Rina's height.

44. Carrie had a collection of 20 old coins. The value of the coins was $6.40 in total. In her collection, there were only 20-cent coins and 50-cent coins. How many 50-cent coins did she have?

45. The figure below shows a rectangle ABCD that is not drawn to scale. $\angle y$ is two times that of $\angle x$. Find $\angle x$.



End of paper

EXAM PAPER 2017 (P4)

SCHOOL : NAN HUA

SUBJECT :MATHEMATICS

TERM : SA1

ORDER CALL :

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

21)Twenty-two thousand and forty-nine. 22)1568 23)1 , 3 , 9

24)72000 25)23528 26)a)2850 b)2949 27)38

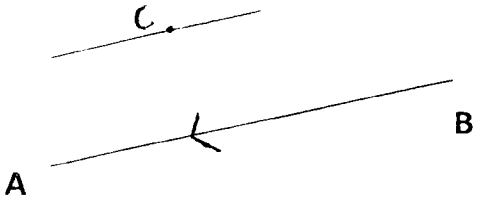
28)30576 29)1½ 30)8/3 , 10/4 , 2¼ 31)$482

32)4¾ 33)3 34)6 pupils 35)a)¾ b)270°

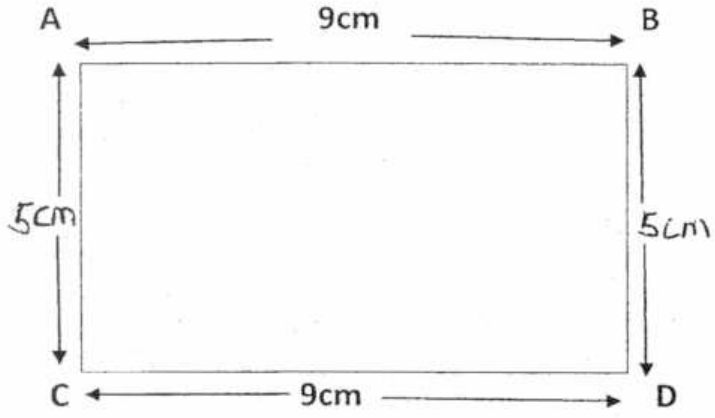
36)1u→4 x 2 = 90 37)South-East 38)90° + 18° = 108°

2u→90 + 45 = 135 stickers

39)



40)



41)7 + 2 = 9

36 ÷ 9 = 4

4 x 7 = 28

28 x 0.30 = $$8.40

42)2/3 x 189 = 27 x 3 = 81

81 +.35 = 116

189 – 116 = 73

Billy spent $73 on transport.

43)37cm – 9cm = 28cm

37cm + 28cm = 65cm

3units→473cm – 65cm = 408cm

1unit→408 ÷ 3 = 136

136 + 28 = 164cm

Rina's height is 164cm.

44)Carrie have 8 50-cent coins

45)90° – 21° = 69°

69° ÷ 3 = 23°

∠ X is 23°

NANYANG PRIMARY SCHOOL

FIRST SEMESTRAL EXAMINATION 2017

PRIMARY 4

MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

Section A	/ 30
Section B	/ 40
Section C	/ 30

Total:	/ 100

Name: _____ ( )

Class: Primary 4 ( )

Date: 3 May 2017

Any query on marks awarded should be raised by 18 May 2017. 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. In 72 563, which digit is in the thousands place?

(1) 7
(2) 2
(3) 6
(4) 5

2. Which one of the following sets of numbers is arranged from the largest to the smallest?

(1) 78 863, 79 683, 79 836

(2) 79 683, 78 863, 79 836

(3) 79 836, 78 863, 79 683

(4) 79 836, 79 683, 78 863

3. Complete the number pattern listed below.

32 671, 32 661, 32 641, 32 611, _____

(1) 32 571
(2) 32 581
(3) 32 591
(4) 32 601

4. Mary had some sweets. She could pack them equally into 6 bags or 9 bags with no sweets leftover. What was the smallest number of sweets Mary had?

(1) 18
(2) 36
(3) 3
(4) 54

5. Find the product of 672 and 87.

(1) 10 080
(2) 54 549
(3) 58 464
(4) 59 364

6. How many eighths are there in 3?

(1) 8
(2) 2
(3) 3
(4) 24

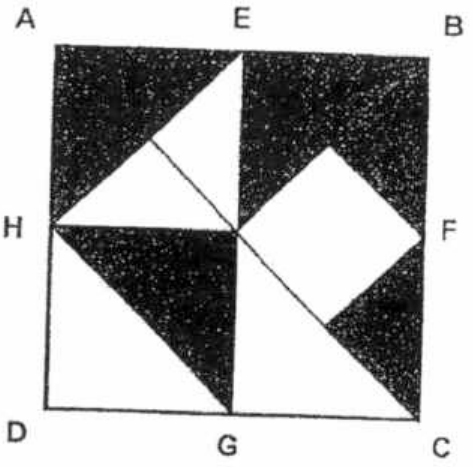
7. Which one of the following will give the same value as 350×20?

(1) 3500×2
(2) $35 \times 2 \times 10$
(3) $35 \times 20 + 10 \times 20$
(4) $350 \times 2 + 350 \times 10$

8. Find the remainder when 853 is divided by 6.

(1) 1
(2) 2
(3) 3
(4) 0

9. In the figure below, ABCD is a square.
AE = EB, BF = FC, DG = GC and AH = HD.
What fraction of the square ABCD is unshaded?



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

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

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

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

10. Jane used $\frac{1}{5}$ kg of sugar to bake a loaf of bread. She used $\frac{1}{8}$ kg more sugar to bake a cake than the loaf of bread. How much sugar did she use to bake the cake?

(1) $\frac{2}{13}$ kg

(2) $\frac{3}{40}$ kg

(3) $\frac{13}{40}$ kg

(4) $\frac{21}{40}$ kg

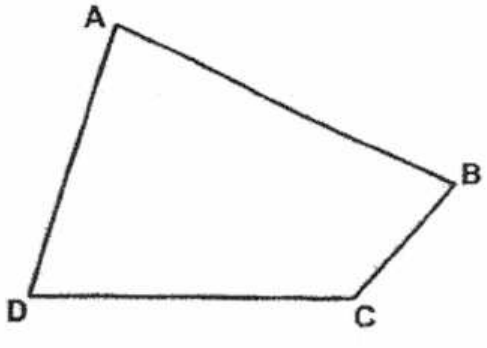
11. Devi spent $\frac{1}{4}$ of her money on a bag. She had \$27 left. How much money did she have at first?

(1) \$9
(2) \$36
(3) \$54
(4) \$108

12. Which one of the following letters has both perpendicular and parallel lines?

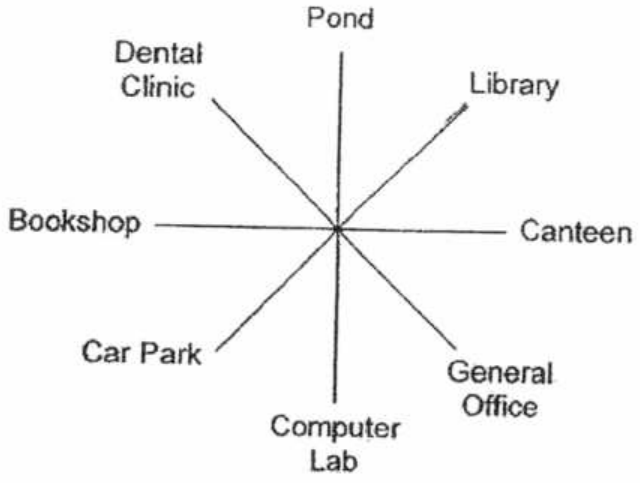
(1)
(2)
(3)
(4)

13. In the figure ABCD below, which angle is greater than 90°?



(1) ∠ADC
(2) ∠BCD
(3) ∠ABC
(4) ∠BAD

14. After turning 225° anti-clockwise, Eugene is facing the library now. Which place was he facing at first?



(1) Bookshop
(2) Computer Lab
(3) Dental Clinic
(4) General Office

15. Susan paid $17 for 3 chocolate muffins and a slice of cheese cake. The cheese cake cost $5 more than the total cost of the 3 chocolate muffins. How much did Susan pay for the slice of cheese cake?

(1) $6
(2) $2
(3) $7
(4) $11

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. In the box below, circle the numbers that are factors of 30.

1	2	10	7
4	30	15	
16	3	6	20

17. Write down all the common factors of 36 and 42.

Answer : _____

18. Find the 9th multiple of 7.

Answer : _____

19. Find the value of 2745 ÷ 9.

Answer : _____

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

Answer : _____

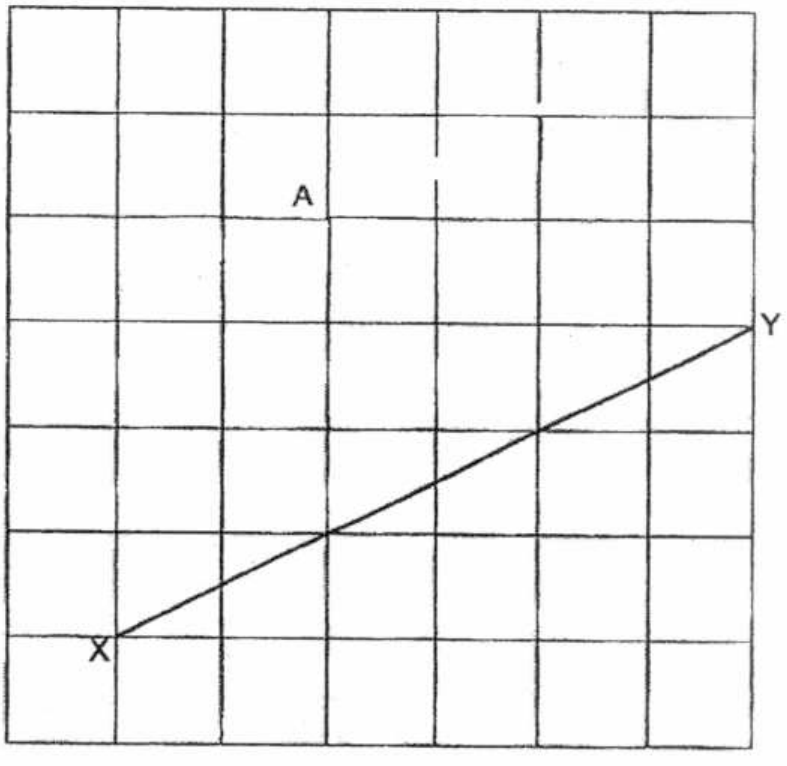
21. Maisie made a bracelet using 16 red beads and 12 yellow beads.
What fraction of the beads on the bracelet is yellow?
Express your answer in its simplest form.

Answer : _____

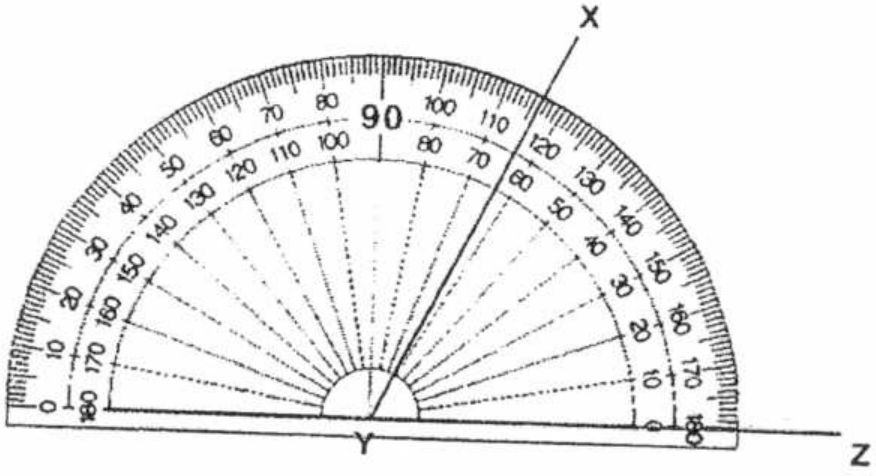
22. Mrs Tan had a total of 45 blue markers and black markers. $\frac{4}{9}$ of the markers are blue. How many blue markers did Mrs Tan have?

Answer : _____

23. The figure below shows a line XY and a point A. Draw a line parallel to XY, passing through point A. Label it PQ.



24. What is the size of ∠XYZ?



Answer : _____ °

25. A whole number when rounded to the nearest hundred is 30 000.
What is the largest possible number?

Answer : _____

26. Find the sum of the first three common multiples of 3, 4 and 6.

Answer : _____

27. What is the number when divided by 18 gives a quotient of 589 and a remainder of 4?

Answer : _____

28. Mr Lim bought 4 m of wire. Anthony bought $\frac{3}{5}$ m less than Mr Lim.
How many metres of wire did Anthony buy?
Express your answer as a mixed number in its simplest form.

Answer : _____ m

29. Matilda is $\frac{3}{4}$ m tall. Her brother is $\frac{1}{6}$ m taller. Find the total height of the children.
Express your answer as a mixed number in its simplest form.

Answer : _____ m

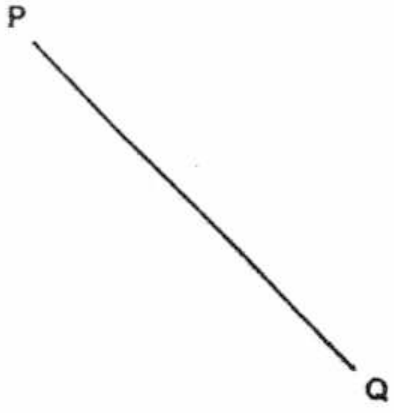
30. Faizah had some money. She spent $\frac{1}{2}$ of it on a pair of shoes and $\frac{1}{3}$ of it on a gift. The pair of shoes and the gift cost $130 altogether. How much money did she have at first?

Answer : $_____

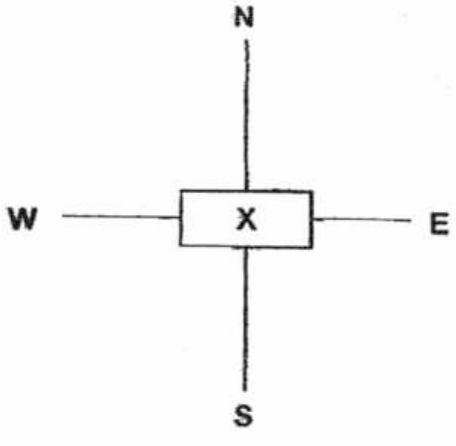
31. Henry read $\frac{3}{5}$ of a book on Monday. He had to read another 148 pages more before he could finish reading the book. How many pages did he read on Monday?

Answer : _____

32. Using a protractor and a ruler, draw $\angle PQR = 68°$. Mark and label the angle. The line PQ has been drawn for you.



33. In the figure below, Bobby is standing at Point X, facing South-West. He makes a 270° turn in a clockwise direction. Which direction will he be facing after the turn?



Answer : _____

34. $\frac{3}{7}$ of the people who attended a party were adults. Half of the children were girls. There were 24 boys at the party. How many people attended the party?

Answer : _____

35. Mrs Ho is 6 times as old as her daughter now. In 3 years' time, their total age will be 55 years. How old is her daughter now?

Answer : _____

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)

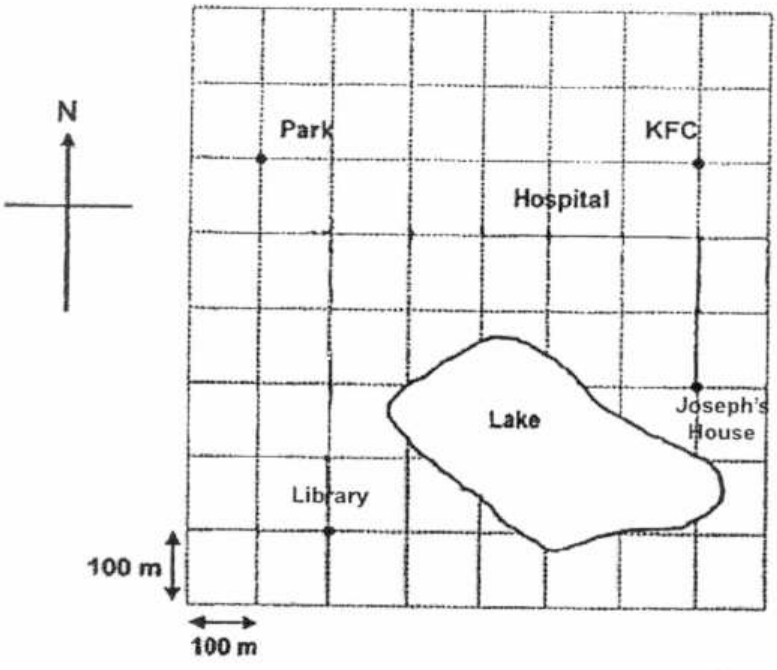
36. Jeremy estimates that there are more than 40 but less than 90 paper clips in a box. When he packs the paper clips into packets of 8, there will be 3 paper clips left. When he packs the paper clips into packets of 9, there will be a shortage of 5 paper clips. How many paper clips are there in the box?

Ans: _____ [3]

37. Alice, Betty and Cindy had some stamps. Alice gave 80 stamps to Betty and 20 stamps to Cindy. Cindy also received 40 stamps from Betty. In the end, each girl had 300 stamps. How many stamps did Betty have at first?

Ans: _____ [3]

38. The square grid below shows the map of some places in Town X.



a) Joseph stood at a point in Town X.
The park was to Joseph's north and the library was to his east. Put a cross (X) on the map to show where Joseph was.

[1]

b) In which direction is Joseph's house from the hospital?

Ans: _____

c) The next day, Joseph cycled 200 m north and 500 m west from his house to go to his friend's house.
Trace Joseph's route on the map above. [1]

d) In which direction is the friend's house from the library?

Ans: _____ [1]

39. Matthew has $\frac{5}{9}$ as much money as Nancy. Nancy has thrice that of Pearlyn. Matthew has $268 more than Pearlyn. How much do they have altogether?

Ans: _____ [4]

40. Sandra spent $\frac{2}{7}$ of her money on a television set. She spent the rest of her money on a refrigerator that cost \$2348 and an oven that cost \$152. How much more money did she pay for the television set than the oven?

Ans: _____ [4]

41. A box contains some red, blue and white marbles.
There is a total of 65 red marbles and blue marbles.
There is a total of 35 red marbles and white marbles.
The number of blue marbles is thrice the number of white marbles.
What fraction of the marbles is red?
Express your answer in its simplest form.

Ans: _____ [4]

42. Jane and Kathy had the same number of stickers at first. After Jane gave away 220 stickers and Kathy lost 12 stickers, Kathy had 3 times as many stickers as Jane. How many stickers did they have altogether at first?

Ans: _____ [4]

43. A florist had 300 more tulips than roses at first. She then ordered another 50 tulips and 70 roses. In the end, she had 3260 tulips and roses in all. How many roses did she have at first?

Ans: _____ [4]

END OF PAPER

SCHOOL : NANYANG PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2017 SA1

CONTACT :

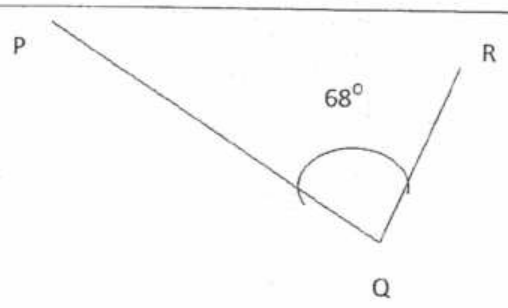
SECTION A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	1	1	3	4	1	1	3	3
Q 11	Q12	Q13	Q14	Q15					
2	2	2	1	4					

SECTION B

Q16	Q17	Q18	Q19	Q20
1,2,3,6,10,15,30	1,2,3,6	63	305	39/7
Q21	Q22	Q23	Q24	Q25
3/7	20	-	64	30049

Q26)	12 + 24 + 36 = **72**
Q27)	598 x 18 = 10602 10602 + 4 = **10606**
Q28)	4m = 20/5 20/5 - 3/5 = 17/5 = **3 2/5**
Q29)	¾ + 1/6 = 11/12 9/12 + 11/12 = 20/12 = 5/3 = **1 2/3**
Q30)	½ + 1/3 = 5/6 $130 = 5/6 $130/5 = $26 $26 x 6 = **$156**
Q31)	5/5 - 3/5 = 2/5 148 = 2/5

	1/5 = 148/2 = 74 3/5 = 74 x 3 = **222**
Q32	
Q33	south-east
Q34	7/7 - 3/7 = 4/7 24 = half 24 + 24 = 48 48/4 = 12 12 x 7 = **84**
Q35)	55 - 3 = 52 52 – 3 = 49 49/7 = 7
Q36)	8 : 48, 56, 64, 72, 80 +3 : 51, 59. **67**, 75, 83 9 : 45, 54, 63, 72, 81 -5 : 40, 49, 48, **67**, 78 **Ans : 67**
Q37)	A : B : C -80 : 80 : 20 -20 : -40 : 40 300 : 300 : 300 300 + 40 = 340 340 – 80 = **260**
Q38)	(a) { X marked on the line left of library} (b) South-east (c) - (d) North
Q39)	2 units → $265

	1 unit → $268/2 = $134 17 units → $134 x 7 = $2278
Q40)	7/7 - 2/7 = 5/7 5 units → 2348 + 152 = 2500 1 unit → 2500/5 = 500 2 units → 500 x 2 = 1000 Difference → 1000 – 152 = 848 (**Ans : $848**)
Q41)	65 – 35 = 30 2 units → 30 1 unit→ 30/2 =15 Red → 35 – 15 = 20 Total → 65 + 15 = 80 20/80 = **1/4**
Q42)	220 – 12 = 208 208/2 = 104 104 x 2 = 208 220 x 2 = 440 208 + 440 = **648**
Q43)	3260 – 300 – 50 – 70 = 2840 2840/2 = **1420**

RAFFLES GIRLS' PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1
MATHEMATICS
PRIMARY 4

Name: _____ ( )

Math Teacher: _____ Form Class: P4 _____

Date: 8th May 2017 Duration: 1h 45 min

Your Score	
Section A (Out of 25 marks)	
Section B (Out of 40 marks)	
Section C (Out of 35 marks)	
Overall (Out of 100 marks)	

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 and show all working clearly.

SECTION A (25 marks)

Questions 1 to 5 carry 1 mark each. Questions 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. The value of the digit 2 in 53 208 is _____.

   (1) 20

   (2) 200

   (3) 2000

   (4) 20 000

2. 68 899 when rounded to the nearest ten is _____.

   (1) 68 890

   (2) 68 900

   (3) 69 000

   (4) 69 990

3. Multiply 387 by 6.

   (1) 2322

   (2) 2282

   (3) 1882

   (4) 1822

4. Multiply 250 by 3 tens.

(1) 75

(2) 750

(3) 7500

(4) 75 000

5. The length of a piece of string is 2 m 5 cm.
What is its length in centimetres?

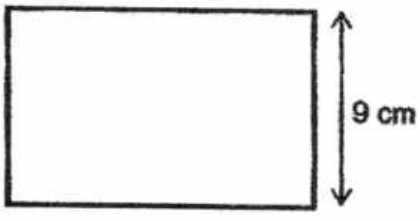
(1) 25 cm

(2) 205 cm

(3) 250 cm

(4) 2005 cm

6. The perimeter of the rectangle shown below is 72 cm. Find its length.



(1) 8 cm

(2) 18 cm

(3) 27 cm

(4) 54 cm

7. The mass of a child is 20 103 g.
What is his mass in kilograms and grams?

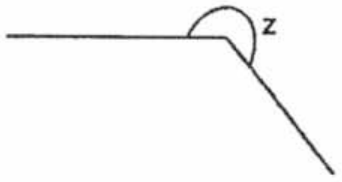
(1) 2 kg 103 g

(2) 20 kg 13 g

(3) 20 kg 103 g

(4) 201 kg 3 g

8. In the figure shown below, $\angle z$ is _____.



(1) less than 90°

(2) between 90° and 180°

(3) between 180° and 270°

(4) between 270° and 360°

9. Which of the following is an equivalent fraction of $\frac{1}{3}$?

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

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

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

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

10. Arrange the fractions from the greatest to smallest.

$$\frac{4}{9}, \frac{2}{3}, \frac{6}{7}$$

(1) $\frac{4}{9}, \frac{2}{3}, \frac{6}{7}$

(2) $\frac{2}{3}, \frac{4}{9}, \frac{6}{7}$

(3) $\frac{2}{3}, \frac{6}{7}, \frac{4}{9}$

(4) $\frac{6}{7}, \frac{2}{3}, \frac{4}{9}$

11. Thomas has 1094 marbles while Mingli has 200 marbles more than Thomas. How many marbles do they have altogether?

(1) 1294
(2) 1988
(3) 2188
(4) 2388

12. What is the sum of all the factors of 16?

(1) 6
(2) 17
(3) 31
(4) 35

13. What is the difference between the third multiple and the seventh multiple of 7?

(1) 70
(2) 28
(3) 21
(4) 10

14. Jia Xin had twice as many stickers as Lynn.
Lynn had twice as many stickers as Hui Lin.
Given that they had 1750 stickers altogether, how many stickers did Hui Lin have?

(1) 250

(2) 350

(3) 500

(4) 700

15. What is the value of $\frac{1}{3} + \frac{3}{9}$?

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

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

(3) $\frac{4}{9}$

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

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. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

---

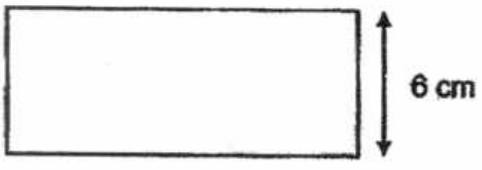
16. Ahmad wanted to exchange $4 to all 10¢ coins.
How many 10¢ coins would he have?

Ans: _____

17. Mr Tan bought 65 boxes of packet drinks.
Each box contained 13 packets of drinks.
How many packet drinks did Mr Tan buy?

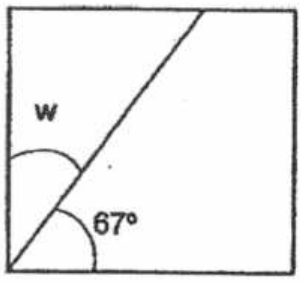
Ans: _____

18. The area of the rectangle shown below is 114 cm^2.
Its breadth is 6 cm. Find the length of the rectangle.



Ans: _____ cm

19. The figure shown below is a square. Calculate $\angle$ w.

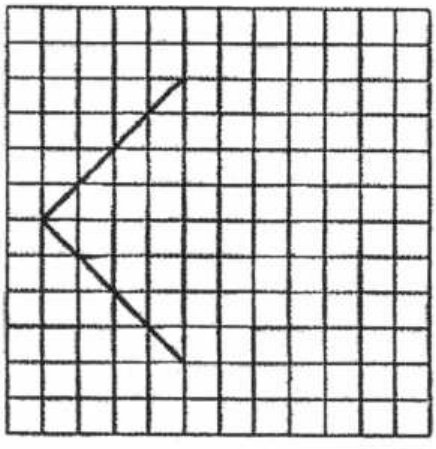


Ans: _____°

20. The area of a square is 64 cm^2. What is the breadth of the

Ans: _____cm

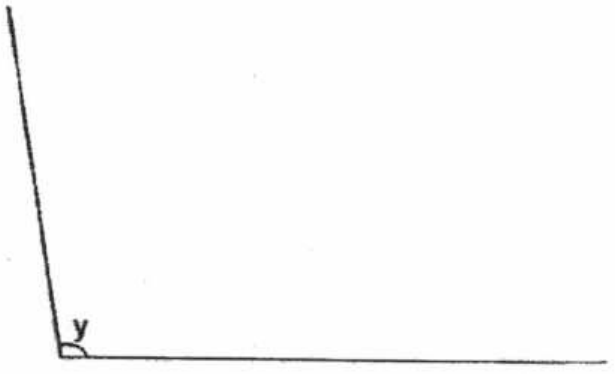
21. Complete the drawing in the grid such that the figure is a square.



22. Mrs Gopal bought 3 kg of flour. She made 20 muffins and she used 30 g of flour to make each muffin. How much flour did she have left?
Give your answer in grams.

Ans: _____g

23. Measure ∠ y.



Ans: _____°

24. Using five out of the six cards given below, form the smallest 5-digit odd number. (Do not start with 0)

Ans: _____

25. In 49 728,

(a) the digit 9 stands for _____.

(b) the digit 7 is in the _____ place.

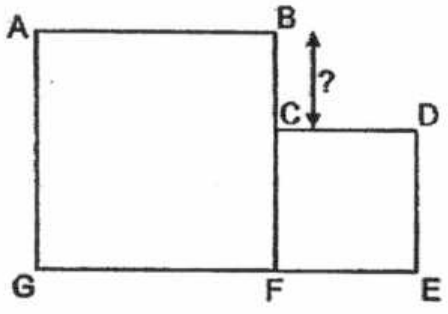
Ans: (a) _____

(b) _____

26. Mdm Hakimah bought 219 boxes of chocolates for her employees. Each box cost $14. How much did she pay for all the chocolates?

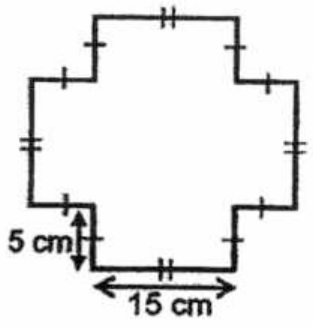
Ans: $_____

27. The perimeter of square ABFG is 100 cm and the perimeter of square CDEF is 60 cm. Find the length of BC.



Ans: _____cm

28. Find the perimeter of the figure shown below.

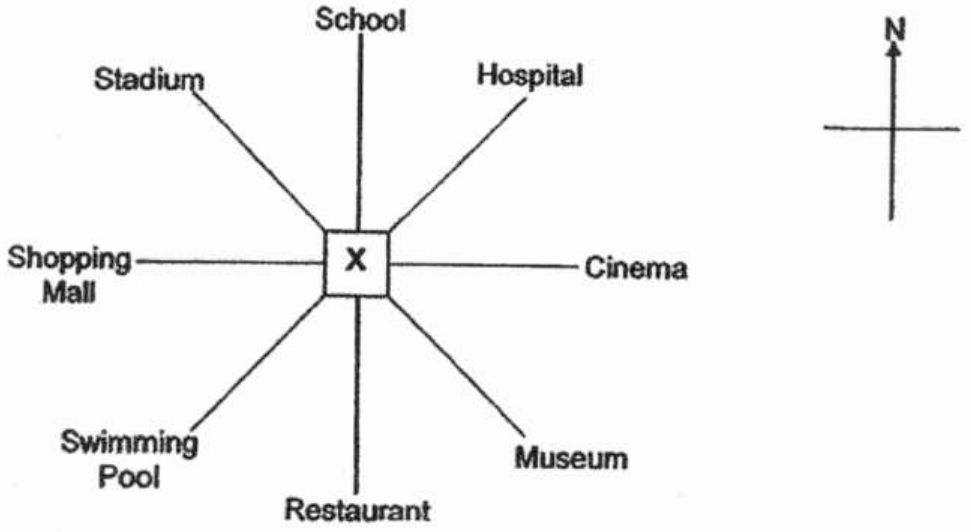


Ans: _____ cm

29. Draw ∠PQR = 85° using the given line. Mark and label the angle.

P Q

30. Look at the diagram below. Cindy is standing at point X facing south-west now. She will turn through an angle of 135° in the clockwise direction. Where will she be facing after the turn?



Ans: _____

31. Subtract $\frac{1}{4}$ from $\frac{7}{12}$

Give your answer in the simplest form.

Ans: _____

32. Meng had 4900 beads. He had 599 fewer beads than Lemin.
How many beads did they have altogether?

Ans: _____

33. A repeated pattern is formed using the digits 0 and 2.
The first 15 digits are shown below.
What is the sum of the first 50 digits?

2 0 2 0 2 2 0 2 0 2 2 0 2 0 2 ...
1st 2nd 3rd 15th

Ans: _____

34. The product of two different numbers is 96.
The sum of the two numbers is 20.
What are the two numbers?

Ans: _____ and _____

35. Mindy has 2 ribbons, Ribbon A and Ribbon B. Both the ribbons are of equal length. Ribbon A can be cut into 3-cm pieces without any remainder and ribbon B can be cut into 4-cm pieces without any remainder. What is the length of each ribbon?

Ans: _____cm

SECTION C (35 marks)

For questions 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. Bag A contained 1040 g of rice.
Bag B contained twice as much rice as Bag A.
There was 700 g less rice in Bag C than Bag B.
What was the total mass of rice in bags A, B and C?

Ans: _____ [3]

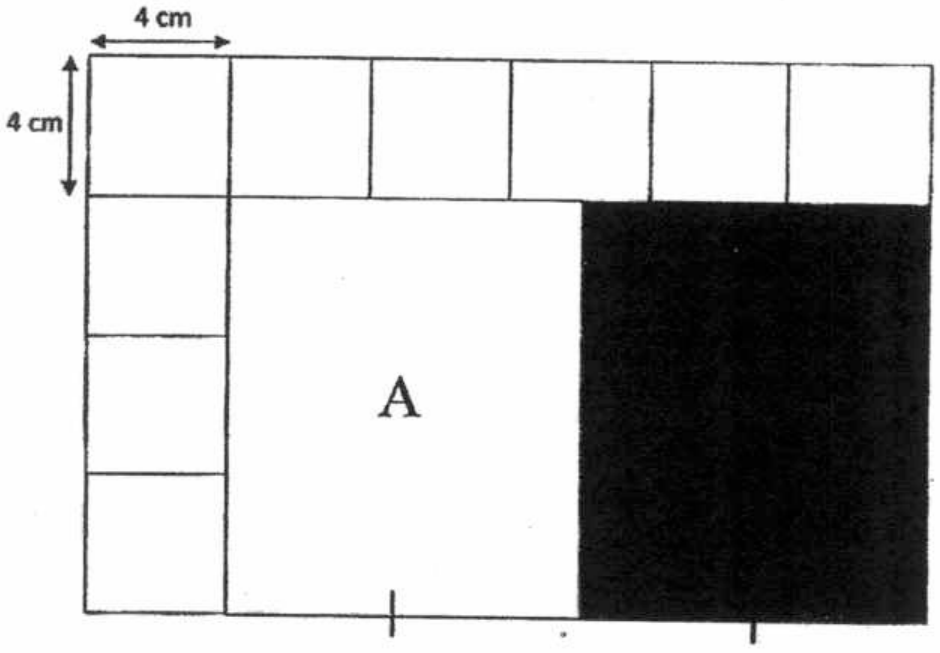
37. An arm chair costs 4 times as much as a stool.
Jenny paid $585 for an arm chair and 5 stools.
Find the cost of the arm chair.

Ans: _____ [3]

38. Khalid was supposed to divide a 3-digit number by a 1-digit number. He made a mistake by dividing the 3-digit number by 3 instead of 4. He obtained the incorrect answer of 208. What should be the correct answer?

Ans: _____ [3]

39. The figure below is made up of 9 identical 4-cm squares and 2 identical rectangles, A and B. Find the area of the shaded rectangle B.



Ans: _____ [4]

40. Matilda and Nelly had a total of 456 stickers.
Nelly and Yi Peng had a total of 224 stickers.
Matilda had 5 times as many stickers as Yi Peng.
How many stickers did Nelly have?

Ans: _____ [4]

41. Siew Ping had $152 more than Tom at first.
After Siew Ping gave $301 to Tom, Tom had 4 times as much money as Siew Ping. How much did they have altogether?

Ans: _____ [4]

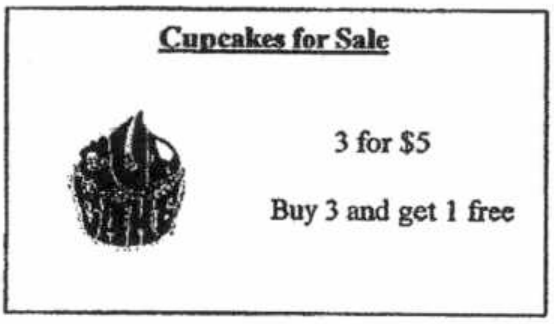
42. This year, Minghui's age is a multiple of 6. Two years later, her age will be a multiple of 5. Minghui is more than 20 years old but less than 80 years old. How old will she be in 7 years' time?

Ans: _____ [4]

43. A confectionery sells cupcakes at 3 for $5.
Customers receive a free cupcake for every 3 cupcakes they buy.

(a) How much did a customer pay if he received 20 cupcakes?

(b) How many cupcakes did a customer receive in total when he paid $30?



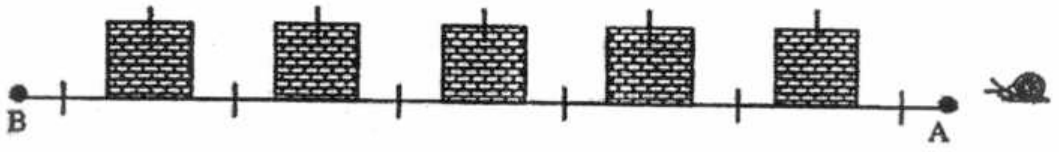
Ans: a) _____[2]

b) _____[3]

44. The snail in the diagram below needs to climb over 5 identical square bricks from point A to reach B. The distance between 2 square bricks is equal to the side of one square brick. The total area of the 5 identical square bricks is 8000 cm^2.

(a) Find the area of a square brick.

(b) Find the distance travelled by the snail when it crawled from point A to point B.



(a) _____ [2]

Ans: (b) _____ [3]

-End of Paper-

Please check your work carefully ☺

Setters: J. Ong
M. Yeo

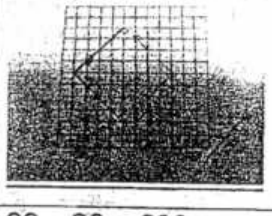
SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2017 SA1

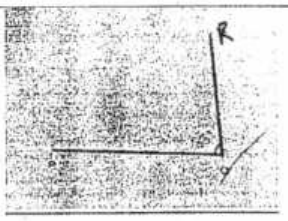
CONTACT :

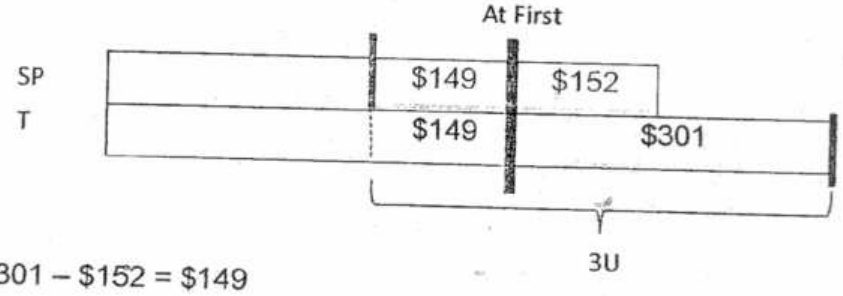
SECTION A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	1	3	2	3	3	3	4	4
Q 11	Q12	Q13	Q14	Q15					
4	3	2	1	1					

SECTION B

Q16)	**100/10 = 10** **10 x 4 = 40**
Q17)	65 x 13 = **845**
Q18)	114 ÷ 6 = **14**
Q19)	90 – 67 = **23**
Q20)	**8**
Q21)	
Q22)	30 x 20 = 600 3000 – 600 = **2400**
Q23)	**98**
Q24)	**20457**
Q25)	a) **9000** b) **Hundreds**
Q26)	219 x 14 = **3066**
Q27)	100 ÷ 4 = 25

	60 ÷ 4 = 15 25 – 15 = **10**
Q28)	15 x 4 = 60 5 x 8 = 40 40 + 60 = **100**
Q29)	
Q30)	**School**
Q31)	7/12 – ¼ = 7/12 – 3/12 = 4/12 = **1/3**
Q32)	4900 + 599 = 5499 5499 + 4900 = **10399**
Q33)	1 group is 6 50 ÷ 5 = 10 6 x 10 = **60**
Q34)	**12** and **8**
Q35)	**12**
Q36)	1040 – 700 = 340 1040 x 4 = 4160 340 + 4160 = **4500**
Q37)	585 ÷ 9 = 65 65 x 4 = **260**
Q38)	208 x 3 = 624 624 ÷ 4 = **156**

Q39)	4 ÷ 2 = 2 4 x 2 + 2 = 10 10 x 3 x 4 = **120**
Q40)	450 – 224 = 232 232 ÷ 4 = 58 224 – 58 = **166**
Q41)	 $301 – $152 = $149 3U → $301 + $149 = $450 1U → $450 ÷ 3 = $150 Total (5U) → $150 x 5 = **$750**
Q42)	6 : 6, 12, 18, 24, 30, 36, 42, 48 +2 : 8, 14, 20, 26, 32, 38, 44, 50 48 + 7 = **55**
Q43)	a) 3C + 1F → $5 20 ÷ 4 = 5 5 x 5 = **25** b) 30 ÷ 5 = 6 6 x 4 = **24**
Q44)	a) 40 cm x 40 cm = **1600 cm^2** b) 40 cm x 21 = **840 cm**

2017 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name : _____ ( )

Class : Primary 4 / ___ _____

Date : 4 May 2017

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 In which of the following numbers does the digit '5' have the biggest value?

(1) 10 521
(2) 45 760
(3) 60 805
(4) 82 953

2 35 904 = 30 000 + 5 000 + _____ + 4
What is the missing number?

(1) 9
(2) 90
(3) 900
(4) 9 000

3 What is the first common multiple of 3 and 9?

(1) 1
(2) 9
(3) 3
(4) 27

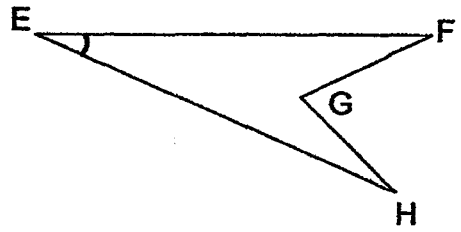
4 What is the product of 452 and 38?

(1) 490
(2) 4 972
(3) 16 176
(4) 17 176

5 Which of the following when rounded off to the nearest thousand is 70 000?

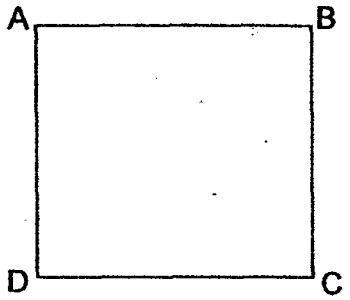
(1) 69 499
(2) 69 932
(3) 70 504
(4) 70 987

6 Name the marked angle.



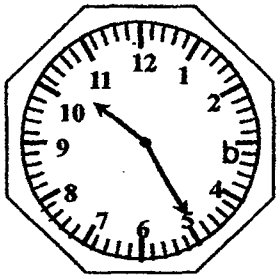
(1) ∠ EFG
(2) ∠ FGH
(3) ∠ EHG
(4) ∠ FEH

7 ABCD is a square. Which of the following **incorrectly** describes the square?



(1) It has four equal sides.
(2) It has four right angles.
(3) Its opposite sides are equal.
(4) It has only one pair of parallel lines.

8 The time shown on the clock is _____.



(1) 25 minutes to 11
(2) 35 minutes to 10
(3) 5 minutes past 10
(4) 25 minutes past 10

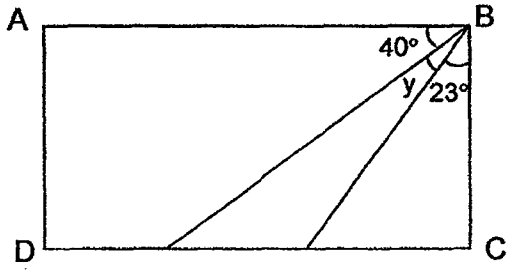
9 In 67 970, what is the difference between the two values of the digit '7'?

(1) 70
(2) 6 930
(3) 7 000
(4) 7 070

10 What is the sum of all the factors of 24?

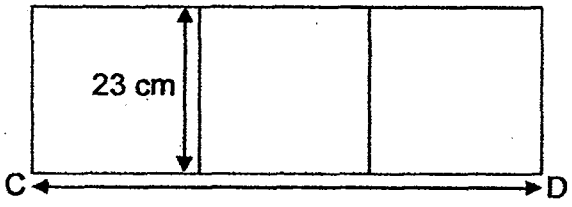
(1) 8
(2) 50
(3) 60
(4) 91

11 In the figure below, ABCD is a rectangle. Find $\angle y$.



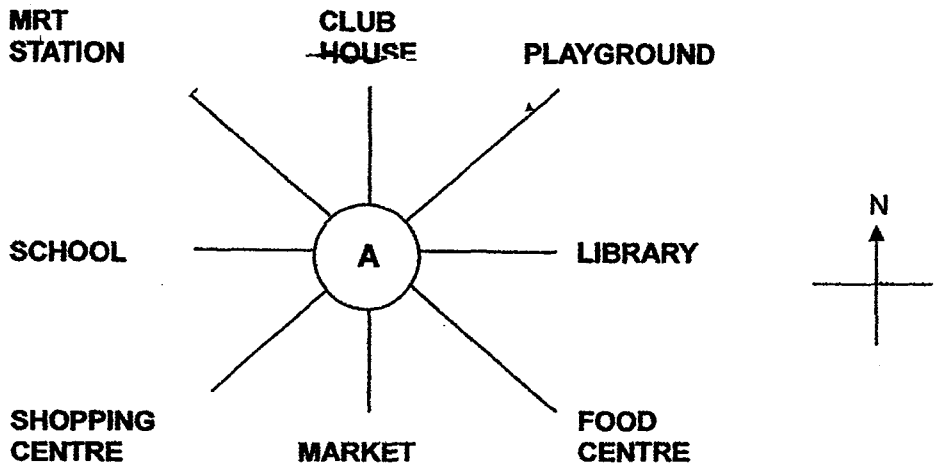
(1) 17°
(2) 27°
(3) 37°
(4) 117°

12 The figure below is made up of 3 similar squares. Find the length of CD.



(1) 23 cm
(2) 69 cm
(3) 184 cm
(4) 230 cm

Use the following diagram to answer Questions 13 and 14.



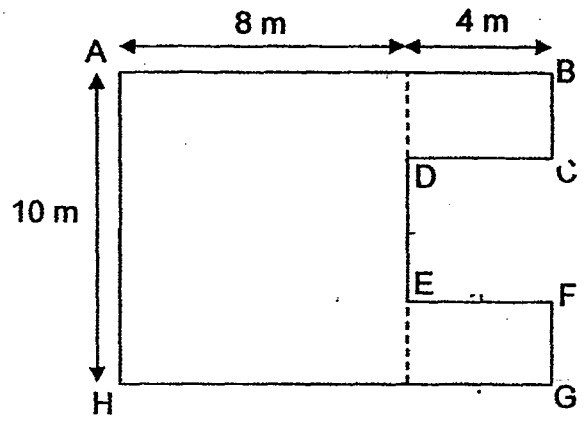
13 Kelly is standing at the point marked A in the diagram above. She is facing the MRT station. Where will she be facing when she turns 90° clockwise?

(1) Library
(2) Club House
(3) Playground
(4) Shopping Centre

14 Jonathan is standing at the point marked A in the diagram above and facing east. He makes a $\frac{3}{4}$ - turn in an anticlockwise direction. Which direction will he be facing?

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

15 Find the perimeter of the figure. (All lines meet at right angles).



(1) 44 m
(2) 48 m
(3) 52 m
(4) 120 m

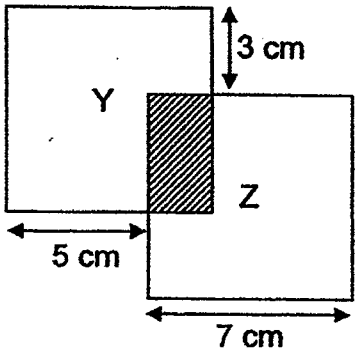
16 There were 2 279 more yellow marbles than blue marbles in a container. Another 487 yellow marbles and 683 blue marbles were put into the same container. How many more yellow marbles than blue marbles were there in the container in the end?

(1) 1 596
(2) 2 083
(3) 2 766
(4) 3 449

17 The figure is made of 7 small squares. What is the least number of small squares that must be added to make a larger square?

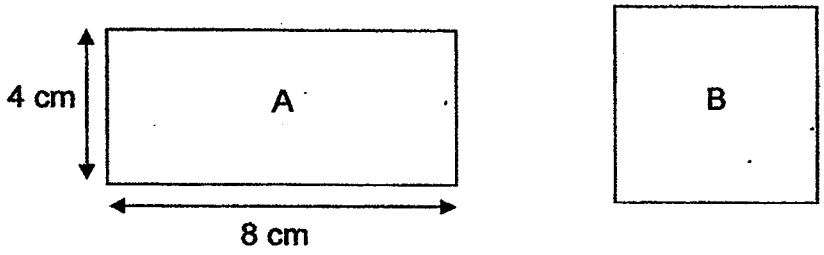
(1) 5
(2) 8
(3) 9
(4) 17

18 Y and Z are identical squares. Y overlaps Z partially as shown below. What is the perimeter of the shaded part?



(1) 8 cm
(2) 12 cm
(3) 15 cm
(4) 44 cm

19 Two pieces of wire of the same length are used to form Rectangle A and Square B as shown below. What is the total area of Rectangle A and Square B?



(1) 48 cm^2
(2) 56 cm^2
(3) 60 cm^2
(4) 68 cm^2

20 3 ℓ of water was poured into 2 empty buckets. After pouring, 1 bucket contained 90 $m\ell$ more water than the other bucket. How much water was there in the other bucket?

(1) 60 $m\ell$
(2) 105 $m\ell$
(3) 1 410 $m\ell$
(4) 1 455 $m\ell$

2017 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name : _____ _____ ( )

Class : Primary 4 / _ _____

Date : 4 May 2017

BOOKLET B

28 Questions
60 Marks

In this booklet, you should have the following:
(a) Page 7 to Page 16
(b) Questions 21 to 48

MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

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 fifty-three thousand and twelve in numerals.

Ans: _____

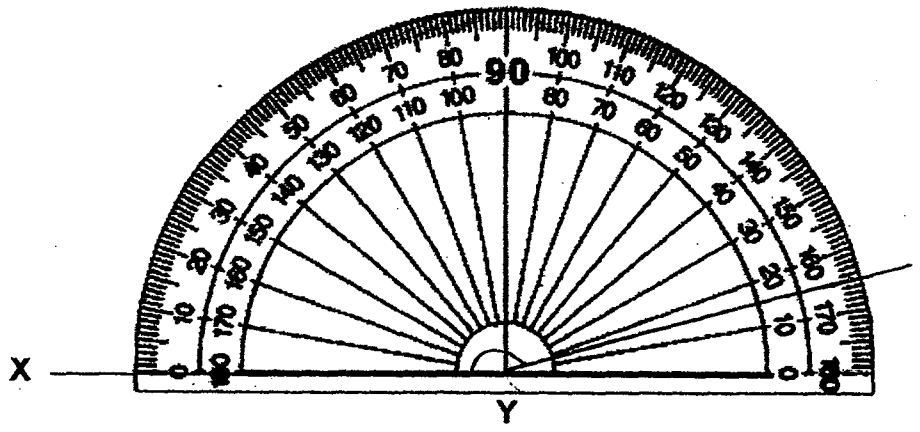
22 7 thousands and 380 tens is the same as _____.

Ans: _____

23 A number when rounded to the nearest hundred is 5 000. What is the smallest possible number?

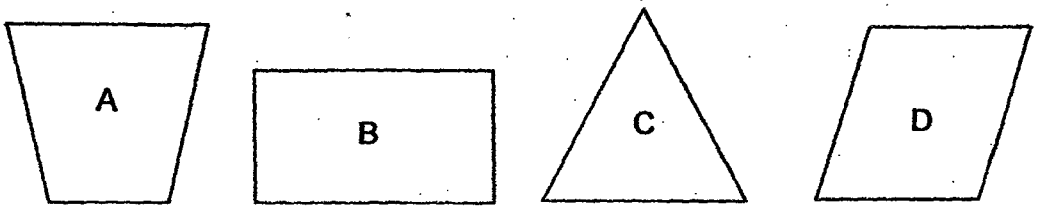
Ans: _____

24 Use the given protractor and complete the drawing of $\angle XYZ = 165^\circ$.



4

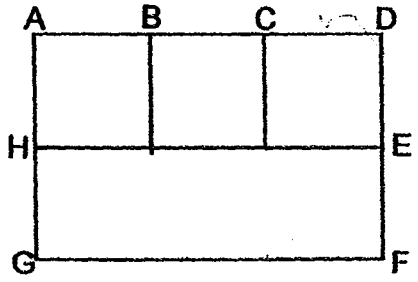
25 Look at the shapes below. Which is a rectangle?



Ans: _____

---

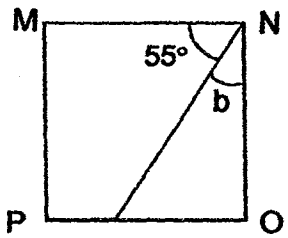
26 The figure ADFG is made up of a rectangle and 3 squares. The perimeter of the figure is 90 cm and DE = EF. Find the length of BC.



Ans: _____ cm

---

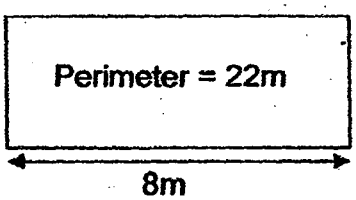
27 MNOP is a square. Find ∠b.



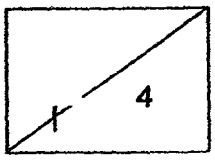
Ans: _____ °

---

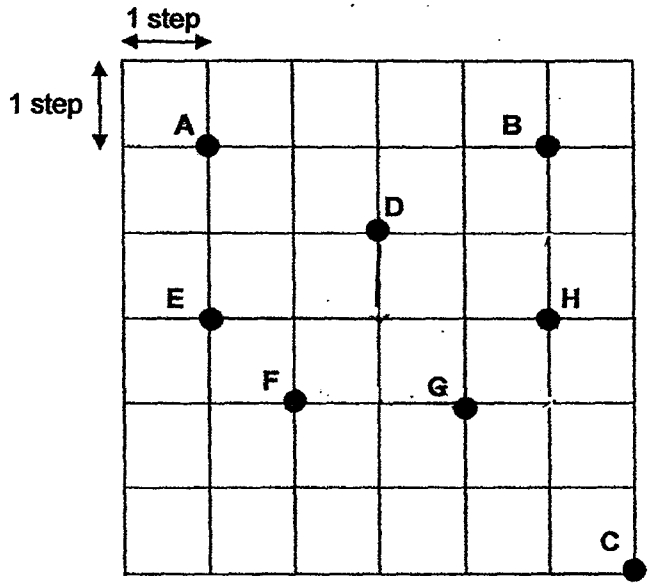
28 The perimeter of a rectangle carpet is 22 m. Its length is 8 m. Find its breadth.

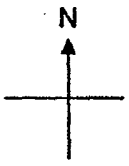


Ans: _____ m



Study the diagram below carefully and use it to answer Questions 29 and 30.





29 Point B is north of Point H. Point E is _____ of Point F.

Ans: _____

---

30 Peter was at a certain position. He moved as listed below and ended up at Point D.

Move	Direction
1st	3 steps to the south
2nd	2 steps to the west
3rd	2 steps to the north

What was his starting position?

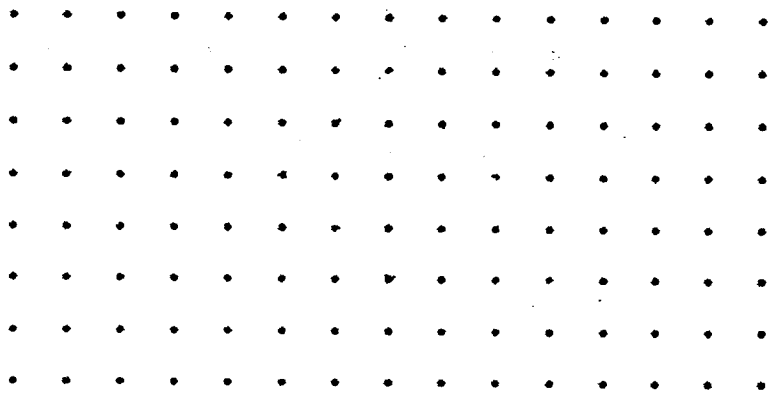
Ans: Point _____

2

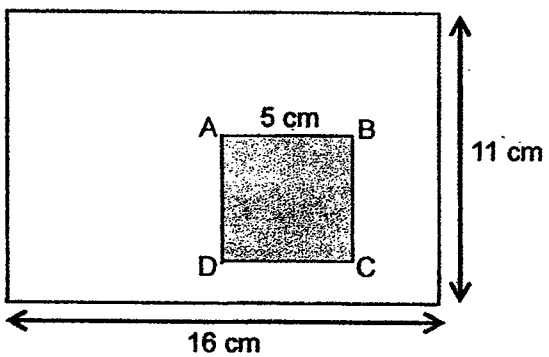
31 What is the quotient when 9 109 is divided by 9?

Ans: _____

32 Complete drawing a square with the given lines.



33 ABCD is a square of 5 cm. What is the area of the **unshaded** part in the figure given below?



Ans: _____ cm^2

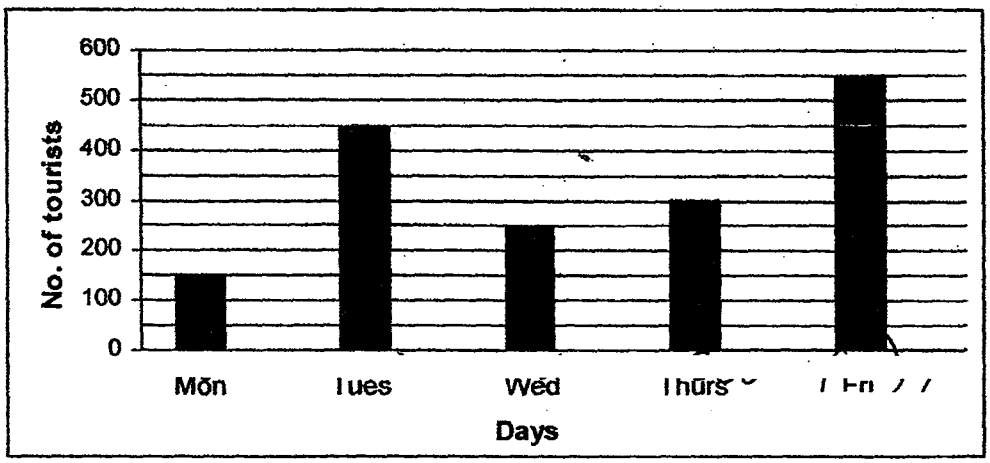
34 Complete the number pattern.

65 621, 55 520, 45 419, _____ , 25 217, 15 116

Ans: _____

8

The bar graph below shows the number of tourists who visited the zoo from Monday to Friday.



35 What was the total number of tourists who visited the zoo over the five days?

Ans: _____

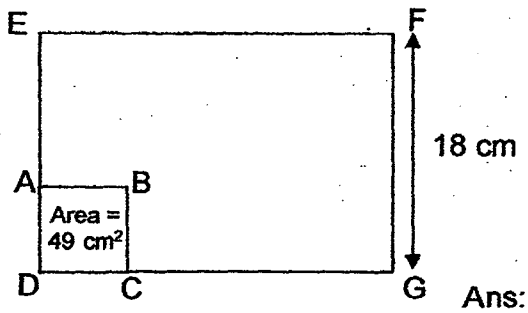
---

36 Mr Lee bought 5 similar chairs at $475. Mr Chua bought 8 such chairs from the same shop. How much did Mr Chua pay for the 8 chairs?

Ans: $_____

---

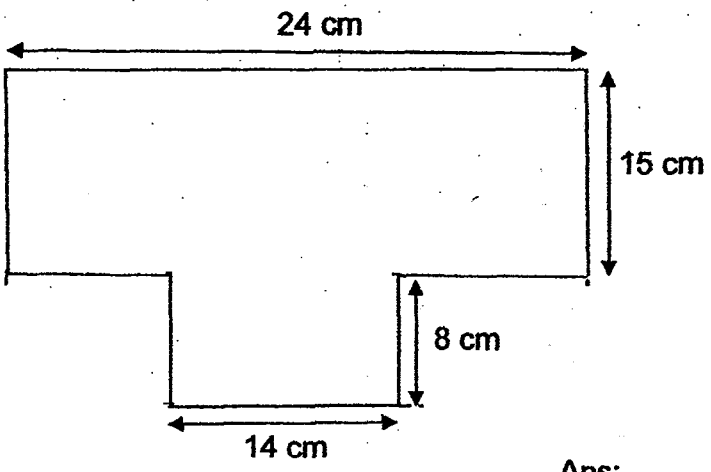
37 In the figure below, EFGD is a rectangle and ABCD is a square. The area of ABCD is 49 cm^2. Find the length of AE.



Ans: _____ cm

6

38 Find the area of the figure. (All lines meet at right angles.)



Ans: _____ cm^2

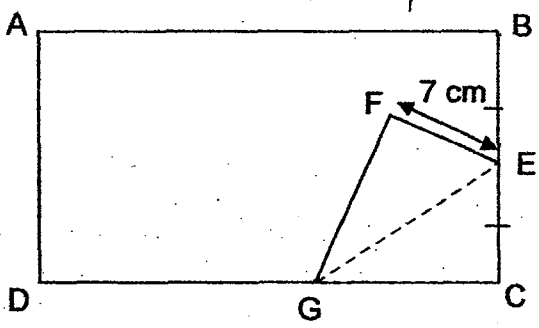
---

39 There were 40 children queuing to enter a party. Every 4th child in the queue received a gift bag and every 6th child received a balloon. How many children received both a gift bag and a balloon?

Ans: _____

---

40 A piece of wire of length 70 cm is bent into the shape of a rectangle ABCD. It is then bent upwards as shown below. BE = EC and EF is 7 cm. What is the length of AB?



Ans: _____ cm

6

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 A school cleaner took 45 minutes to clean a classroom. If she took the same amount of time to clean each classroom, how much time did she take to clean 6 classrooms? Give your answer in h and min.

Ans: _____ [3]

---

42 Mary had 3 jugs which contained 1 ℓ 600 mℓ of lemonade each. She poured all the lemonade equally into 8 glasses. What is the volume of lemonade in each glass?

_____ [3]

6

43 A piece of rope was 2 m long and a small piece measuring 65 cm was cut from it. The remaining rope was cut into 5 equal pieces. What is the length of each of the 5 pieces?

Ans: _____ [4]

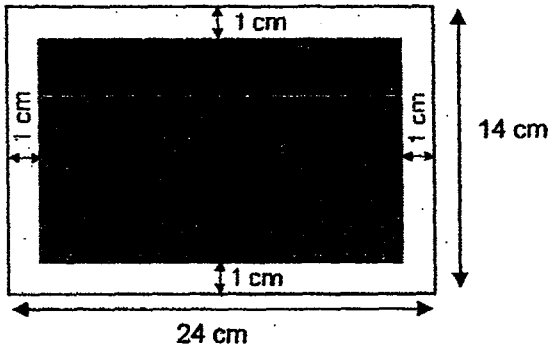
---

44 Keychains are sold in boxes of 9. Each box costs $7 and Charmaine has $355. What is the greatest number of keychains that she can buy?

Ans: _____ [4]

8

45 The figure below shows a photo frame that measures 24 cm by 14 cm. A picture is mounted on the frame leaving a border of 1 cm around it. What is the area of the picture?



Ans: _____ [4]

---

46 Bryan and Rachel had $220. After Bryan gave Rachel $18, he still had $24 more than Rachel. How much money did Rachel have at first?

Ans: _____ [4]

8

47 Ali, Bobby and Charles had some stickers. Ali and Bobby had a total of 6 186 stickers. Charles and Ali had a total of 3 724 stickers. Bobby had 3 times as many stickers as Charles. How many stickers did Ali have?

_____ [4]

---

48 The figure below is made up of 6 identical rectangles with no overlapping parts. The length of each rectangle is twice its breadth. Given that the breadth of each rectangle is 3 cm, find the perimeter of the figure.

Ans: _____ [4]

END.

EXAM PAPER 2017

LEVEL : PRIMARY 4

SCHOOL : RED SWASTIKA SCHOOL

SUBJECT : MATHEMATICS

TERM : SA1

BOOKLET A

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

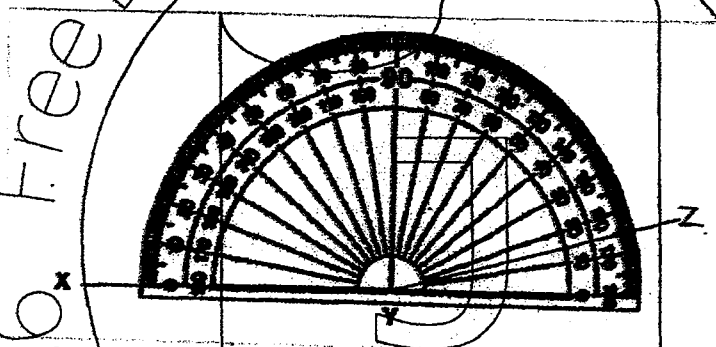
BOOKLET B

Q21. Ans: 53012

Q22. Ans: 10800

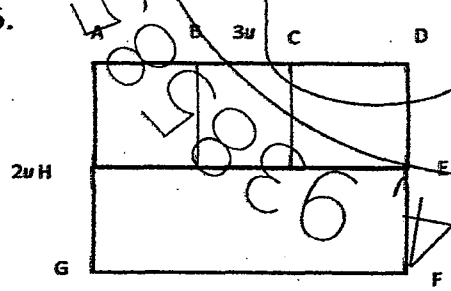
Q23. Ans: 4950

Q24.



Q25. Ans: B

Q26.



$3 + 3 + 2 + 2 = 10u$

$10u = 90\text{cm}$

$1u = 90\text{cm} \div 10 = 9\text{cm}$

Ans: 9cm

Q27. $90 - 55 = 35$

Ans: 35^0

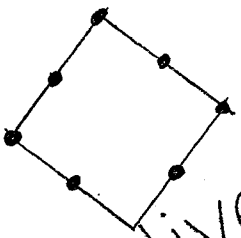
Free Delivery: 98518229, 98518226, 81612644, 93858586

Q28. 22m - 8m - 8m = 6cm
6cm ÷ 2 = 3cm
Ans : 3cm

Q29. Ans: north-west
Q30. Ans : Point B

Q31. Ans: 1012

Q32.



Q33. Area of rectangle = 10cm X 11cm
= 176cm^2

Area of square = 5cm X 5cm
= 25cm^2

Unshaded = 176cm^2 - 25cm^2 = 151cm^2

Ans : 151cm^2

Q34. 65621 – 10101 = 55520
55520 – 10101 = 45419
45419 – 10101 = 35318

Ans : 35318

Q35. 550 + 450 + 300 + 250 + 150 = 1700
Ans : 1700

Q36. 5u = $475
1u = $475 ÷ 5 = $95
8u = $95 X 8 = $760

Ans : $760

Q37. AD = $\sqrt{49}$
= 7cm
AE = 18cm – 7cm = 11cm

Ans : 11cm

Free Delivery: 98518229, 98518226, 81612644, 93388031

Q38. Area of A = 24cm X 15cm = $360cm^2$

Area of B = 14cm X 8cm = $112cm^2$

Area of figure = $360cm^2 + 112cm^2 = 472cm^2$

Ans : $472cm^2$

Q39. Multiples of 4 : 4, 8, <u>12</u>, 16, 20, <u>24</u>, 28, 32, <u>36</u>, 40
Multiples of 6 : 6, <u>12</u>, 18, <u>24</u>, 30, <u>36</u>, 42

Ans : 3

Q40. FE = EC
EC = 7cm
BC = 7cm X 2 = 14cm
AD = 14cm
Breadth = 14cm + 14cm = 28cm
70 – 28 = 42
AB = 42cm ÷ 2 = 21cm

Ans: 21cm

Q41. 45 min = 1 classroom
270 min = 6 classroom

1h = 60min
2h = 120min
3h = 180min
4h = 240min
270min = 4h 30min
Ans : 4h 30min

Q42. 3 jugs = 1600ml X 3
= 4800ml

Vol. of lemonade in each glass
= 4800 ÷ 8
= 600ml

Ans : 600ml

Q43. 2m = 200cm
200cm – 65cm = 135cm
Length of each piece = 135cm ÷ 5 = 27cm

Ans: 27cm

Q44. 355 ÷ 7 = 50R5
50 X 9 = 450
Ans : 450

Free Delivery: 98518229, 98518226, 81612644, 93858586

Q45. Length of picture = 24cm – 2cm = 22cm
Breadth of picture = 14cm – 2cm = 12cm
Area of picture = 22cm X 12cm = $264cm^2$

Ans : $264cm^2$

Q46. \$18 + \$18 + \$24 = \$60
2u = \$220 - \$60 = \$160
Amount of money Rachel had at first = \$160 ÷ 2 = \$80

Ans : \$80

Q47. A + B = 6186
A + C = 3724
2u = 6186 - 3724 = 2462
1u = 2462 ÷ 2 = 1231
3u = 1231 X 3 = 3693
Ali = 6186 – 3693 = 2493

Ans : 2493

Q48. 11cm X 3 = 33cm
2 X 6cm = 12cm
Perimeter = 33cm + 12cm + 9cm = 54cm

Ans : 54cm

Free Delivery: 98518229, 98518226, 81612644, 93858

END

Rosyth School
First Semestral Assessment 2017
Mathematics
Primary 4

Name : _____ ( ) Total ___/100

Class : Pr 4 - _____ Duration: 1h 45 min

Date : 8 May 2017 _____ Parent's Signature: _____

	Maximum Marks	Marks Obtained
Section A	30	
Section B	42	
Section C	28	
Total	100	

* This paper consists of 19 printed pages altogether (including the cover page).

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Section A (30 marks)
For questions 1 to 15, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade your answers on the Optical Answer Sheet. Each question carries 2 marks.

1. In the number 80 954, the digit _____ is in the thousands place.

   (1) 8
   (2) 0
   (3) 9
   (4) 5

2. 8 is a common factor of _____ .

   (1) 2 and 4
   (2) 4 and 8
   (3) 8 and 16
   (4) 10 and 12

3. 18 thousands + 11 tens = _____

   (1) 18 011
   (2) 18 110
   (3) 80 011
   (4) 80 110

4. The difference between 26 973 and 18 481 is _____.

   (1) 8412
   (2) 8492
   (3) 8512
   (4) 8592

5. What is the remainder when 8753 is divided by 8?

(1) 1
(2) 5
(3) 3
(4) 7

6. Which of the following is 23 000 when rounded to the nearest thousand?

(1) 22 055
(2) 22 499
(3) 23 449
(4) 23 505

7. _____ is a common factor of 9 and 24.

(1) 1
(2) 2
(3) 12
(4) 18

8. Which figure below shows the correct line of symmetry?

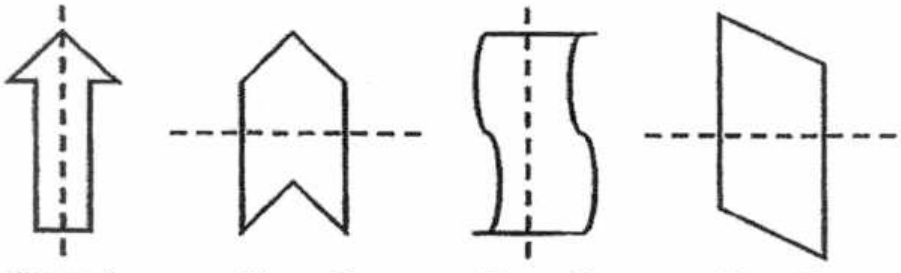


Figure A Figure B Figure C Figure D

(1) A
(2) B
(3) C
(4) D

9. How many letters in the following word have at least 1 line of symmetry?

A	N	G	L	E

(1) 5
(2) 2
(3) 3
(4) 4

10. Which of the following fractions is equivalent to $\frac{1}{4}$?

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

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

(3) $\frac{3}{12}$

(4) $\frac{4}{20}$

11. How many eighths are there in $2\frac{3}{8}$?

(1) 11
(2) 16
(3) 3
(4) 19

12. $\frac{4}{9}$ of a ribbon is 72cm long. What is the length of the whole ribbon?

(1) 18 cm

(2) 32 cm

(3) 90 cm

(4) 162 cm

13. Madeline bought some cloth. She bought $\frac{3}{10}$m of cloth on Monday. She bought $\frac{1}{5}$m of cloth on Tuesday. What was the total length of cloth that she bought on Monday and Tuesday?

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

(2) $\frac{1}{10}$m

(3) $\frac{2}{5}$m

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

Use the information below to answer questions 14 and 15.

The table below shows the number of mangoes and pears sold from Monday to Thursday.

Day	Number of Mangoes	Number of Pears
Monday	40	38
Tuesday	36	41
Wednesday	42	39
Thursday	37	43

14. On which day was the least number of mangoes sold?

(1) Monday
(2) Tuesday
(3) Wednesday
(4) Thursday

15. How many more pears than mangoes were sold over the four days?

(1) 5
(2) 6
(3) 7
(4) 4

Section B (42 marks)

Questions **16** to **36** carry 2 marks each. Write your answers in the spaces provided. Show your workings clearly. For questions which require units, give your answers in the units stated.

Do not write in this space

16. Find the missing number.

44 243, 44 543, 44 843, _____, 45 443

Ans: _____

17. The first common multiple of 3 and 8 is _____.

Ans: _____

18. Form the largest 5-digit odd number with all the given digits

3	5	6	9	0

Ans: _____

19. 1855 is _____ when rounded to the nearest ten.

Ans: _____

(Go on to the next page)

20. $544 \div 4 =$ ____?____

Ans: _____

Do not write in this space

21. Find the product of 89 and 20.

Ans: _____

22. The sum of two numbers is 7501. If one number is 1293 more than the other, find the greater number.

Ans: _____

23. Ali wanted to pack 644 pears into bags of 6. How many pears were left unpacked?

Ans: _____

24. Express $\frac{8}{12}$ in its simplest form.

Ans: _____

(Go on to the next page)

25. Find the value of $\frac{3}{4} + \frac{1}{6}$ in its simplest form.

Do not write in this space

Ans: _____

26. Find the value of $\frac{4}{5} - \frac{1}{3}$ in its simplest form.

Ans: _____

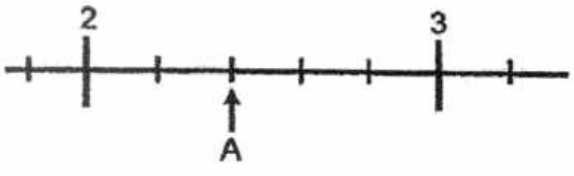
27. Express $3\frac{5}{6}$ as an improper fraction.

Ans: _____

28. What is $\frac{3}{8}$ of 56?

Ans: _____

29. What mixed number does the letter A represent?



Ans: _____

(Go on to the next page)

30. Arrange $1\frac{1}{6}$, $\frac{10}{6}$ and $\frac{7}{3}$ in decreasing order.

Do not write in this space

Ans: _____, _____, _____

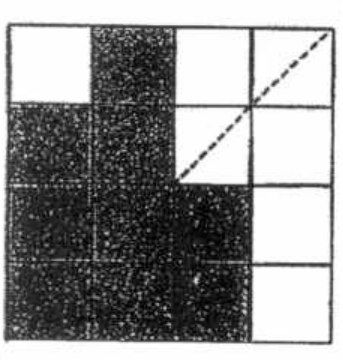
31. Shaun had some sweets. He gave $\frac{2}{9}$ of the sweets to his sister. If he gave his sister 24 sweets, how many sweets did he have at first?

Ans: _____

32. Madeline had 140 biscuits. She gave $\frac{3}{7}$ of the biscuits to her mother and the rest of the biscuits to her father. How many biscuits did she give to her father?

Ans: _____

33. Shade one square such that the figure below is symmetrical along XY.

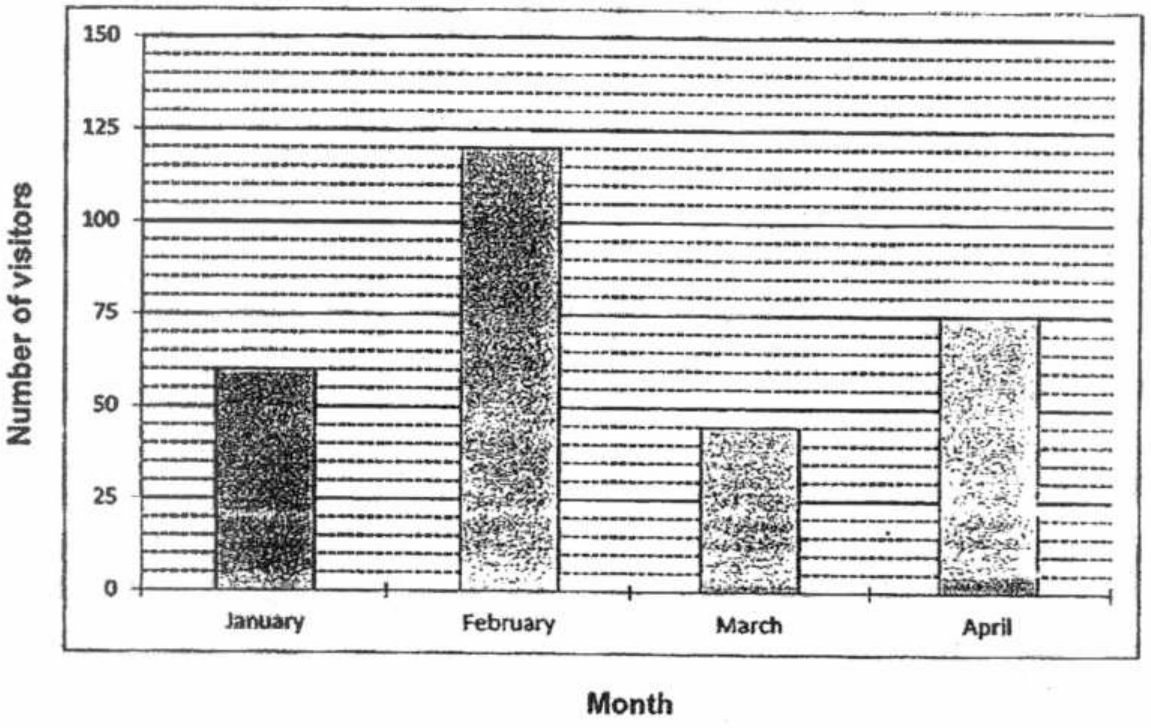


(Go on to the next page)

Study the bar graph below and answer questions 34 – 36.

Do not write in this space

Visitor Attendance to the Zoo



34. How many more visitors were there in April than in March?

Ans: _____

35. The number of visitors in February is twice the number of visitors in which month?

Ans: _____

36. If each visitor had to pay $3 to visit the Zoo, how much money was collected from the visitors in February?

Ans: $ _____

(Go on to the next page)

Section C (28 marks)

Questions 37 to 40 carry 3 marks each. Questions 41 to 44 carry 4 marks each. 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.

Do not write in this space

37. There are 2846 green files at the bookshop.

There are twice as many yellow files as green files.

How many files are there altogether?

Ans: _____ [3]

(Go on to the next page)

38. Sharon bought a sofa and dining table for a total of $3839.
The dining table cost $1455 more than the sofa.
How much did the sofa cost?

Do not write in this space

Ans: _____ [3]

(Go on to the next page)

39. There was $\frac{3}{4}$ l of lime juice in a container. Amanda poured away $\frac{3}{8}$ l of the lime juice. Her mother then added $\frac{1}{2}$ l of lime juice back into the container.

How much lime juice was there in the container at the end?

Leave your answer in the simplest form.

Do not write in this space

Ans: _____ [3]

(Go on to the next page)

40. Study the figures below.

(a) Tick the figure that is symmetrical along the line AB. [1]

Do not write in this space

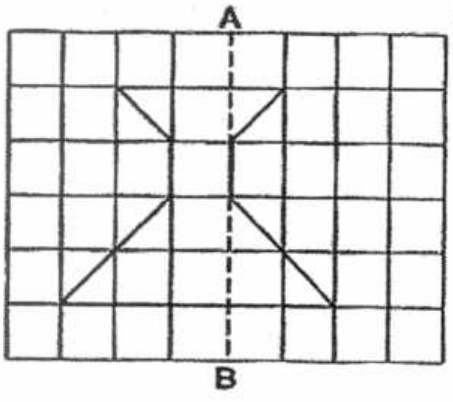


Figure W ☐

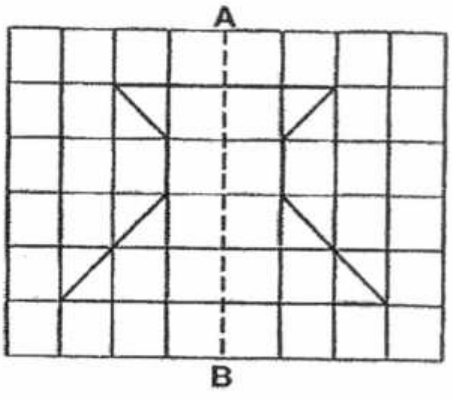
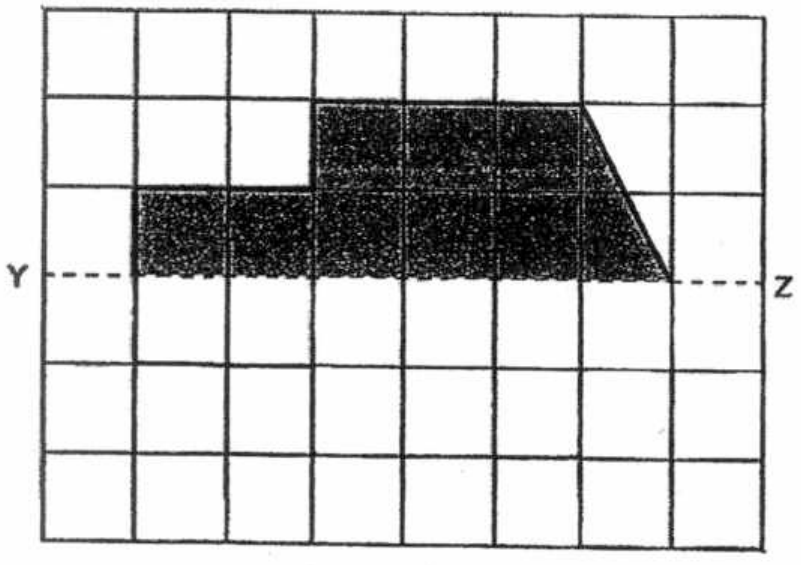


Figure X ☐

(b) Complete the figure below with YZ as the line of symmetry. [2]



(Go on to the next page)

41. There are some coloured beads in a box.

The number of blue beads is thrice the number of green beads.

The number of green beads is 80 fewer than the number of red beads.

There are 2340 beads altogether. How many red beads are there?

Do not write in this space

Ans: _____ [4]

(Go on to the next page)

42. At a football match, $\frac{3}{5}$ of the spectators were men and the rest were women. If the total number of spectators is 180, how many more men than women were there?

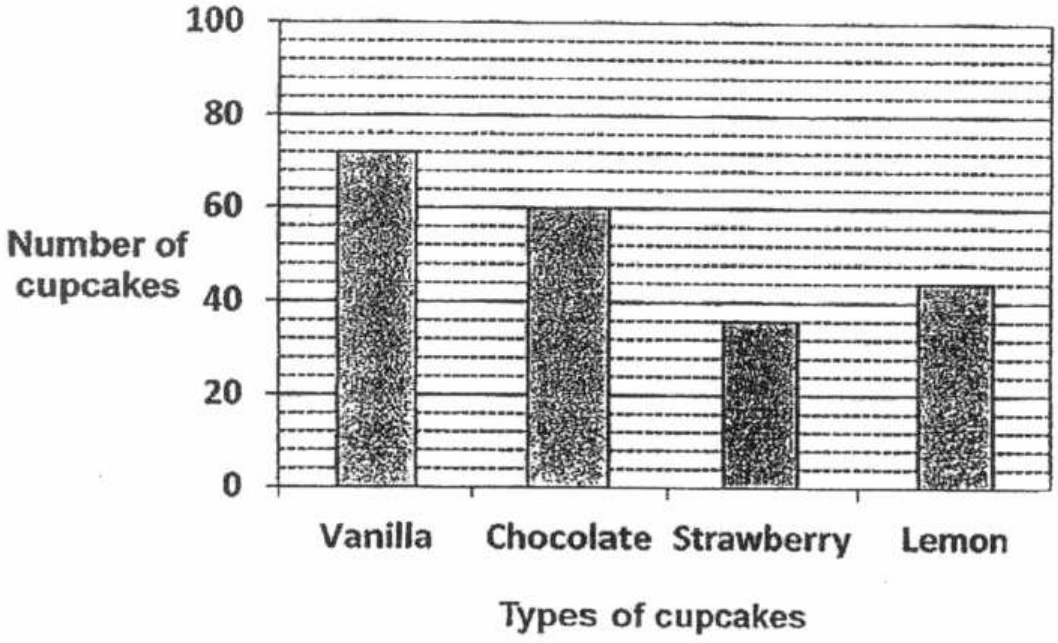
Do not write in this space

Ans: _____ [4]

(Go on to the next page)

43. Vanessa sold four types of cupcakes at a school fair. The bar graph below shows the different number of cupcakes.

Do not write in this space



(a) Which type of cupcake did Vanessa sell the most?

(b) If each Vanilla cupcake costs $4 and each Chocolate cupcake costs $3, what was the total amount of money collected from the sale of Vanilla and Chocolate cupcakes?

Ans: (a) _____ [1]

(b) _____ [3]

(Go on to the next page)

44. Mr Wee and his son's age are in multiples of 9.
In 20 years' time their total age will be 85 years.
His son is not more than 10 years old now.
Find Mr Wee's age.

Do not write in this space

Ans: _____ [4]

End of paper

EXAM PAPER 2017 (P4)

SCHOOL : ROSYTH

SUBJECT : MATHEMATICS

TERM : SA1

ORDER CALL :

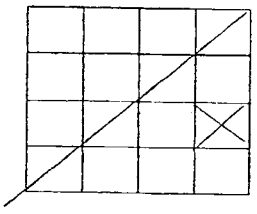
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	2	2	1	3	1	1	2	3
Q11	Q12	Q13	Q14	Q15					
4	4	1	2	2					

16)45143 17)24 18)96503 19)1860 20)136

21)1780 22)4397 23)2 24)2/3 25)11/12

26)7/15 27)23/6 28)21 29)22/5 30)7/3 , 10/6 , 11/6

31)108 32)80 33) 34)30



35)January 36)$360

37)1u = 2846

3u = 2846 x 3 = 8538

There are 8538 files altogether.

38)Extra = $1455

2u = $3839 – $1455 = $2384

1u = $2384 ÷ 2 = $1192

The sofa cost $1192

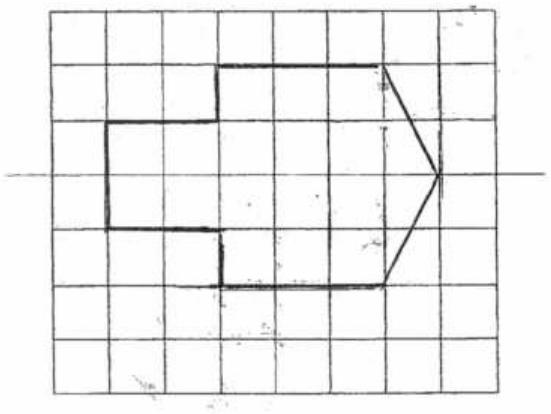
39)After pour away = ¾ - 3/8 = 6/8 – 3/8 = 3/8

Add back = ½ + 3/8 = 4/8 x 3/8 = 7/8

There was 7/8L of lime juice in the end

40)a)Figure X

b)



41)Extra = 80

5u = 2340 – 80 = 2260

1u = 2260 ÷ 5 = 452

Red = 452 + 80 = 532

There are 532 red beads

42)5u = 180

1u = 180 ÷ 5 = 36

There are 36 more than women.

43)a)Vanessa sold vanilla cupcakes the most.

b)Vanilla = 72 x $4 = $288

Chocolate = 60 x $3 = $180

Altogether = $288 + $180 = $468

The total amount is $468

44)son = 9

20 years = 20 + 9 = 29

Mr Wee = 85 – 29 = 56

Mr Wee now = 56 – 20 = 36

Mr Wee is 36 years old.

ME / KC / CC / LYL

FIRST SEMESTRAL ASSESSMENT 2017

PRIMARY 4

MATHEMATICS

BOOKLET A

Name : _____ **( )**

Parent's Signature

Class : Primary 4 SY/C/G/SE/P

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. In 68 915, the value of the digit 8 is _____.

   (1) 8 x 1
   (2) 8 x 10
   (3) 8 x 100
   (4) 8 x 1000

2. 60 006 + 4000 + 300 is equal to _____.

   (1) 30 406
   (2) 34 606
   (3) 64 306
   (4) 67 006

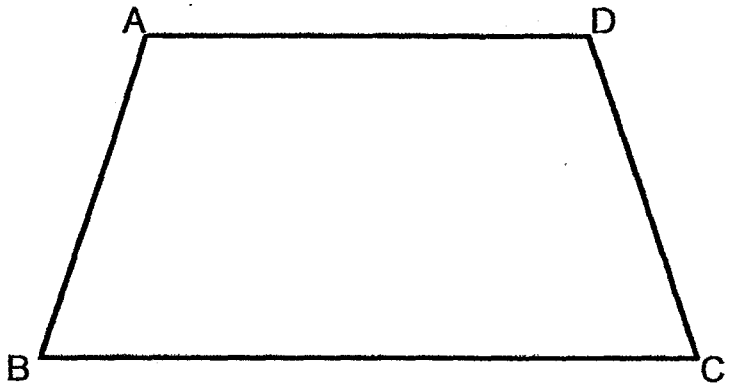
3. What is 90 more than 99 910?

   (1) 10 000
   (2) 99 100
   (3) 99 990
   (4) 100 000

4. Round off 88 244 to the nearest hundred.

   (1) 88 200
   (2) 88 240
   (3) 88 300
   (4) 89 200

5. How many angles inside the figure shown below are **smaller** than a right angle?



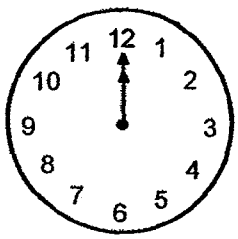
(1) 1

(2) 2

(3) 3

(4) 4

6. It is 12 noon. How many right angle(s) does the minute hand make when it is 12.45p.m.?



(1) 1

(2) 2

(3) 3

(4) 4

7. How many quarters are there in $9\frac{1}{2}$?

(1) 18

(2) 19

(3) 37

(4) 38

8. Add $\frac{1}{12}+\frac{1}{3}+\frac{3}{4}$.

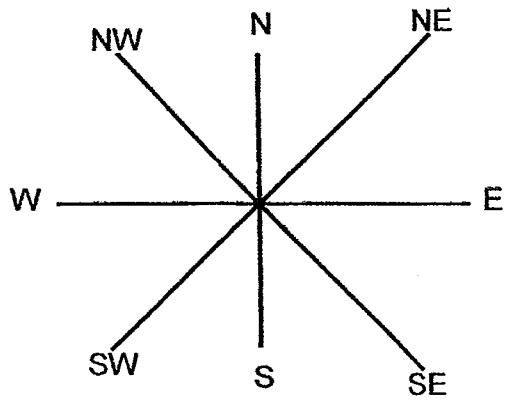
(1) $\frac{5}{12}$

(2) $\frac{5}{19}$

(3) $1\frac{2}{12}$

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

9. Mary is facing South-East. She turns 270° anticlockwise followed by a 90° clockwise turn. Which direction is she facing now?



(1) North-East

(2) North-West

(3) South-East

(4) South-West

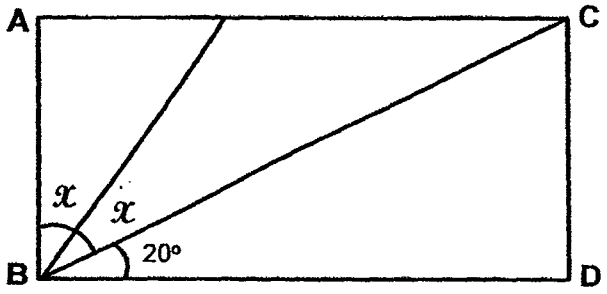
10. Tom wanted to buy 10 toy soldiers but he was short of $18. Each toy soldier costs $20. How much money does Tom have?

(1) $180
(2) $182
(3) $200
(4) $218

11. Mrs Tan has a piece of rope measuring 3 m long. She used 85 cm. What is the length of the rope left?

(1) 82 cm
(2) 88 cm
(3) 215 cm
(4) 225 cm

12. ABCD is a rectangle. Find $\angle x$.



(1) 35°
(2) 70°
(3) 45°
(4) 80°

13. Which of the following statements about a rectangle is **not true**?

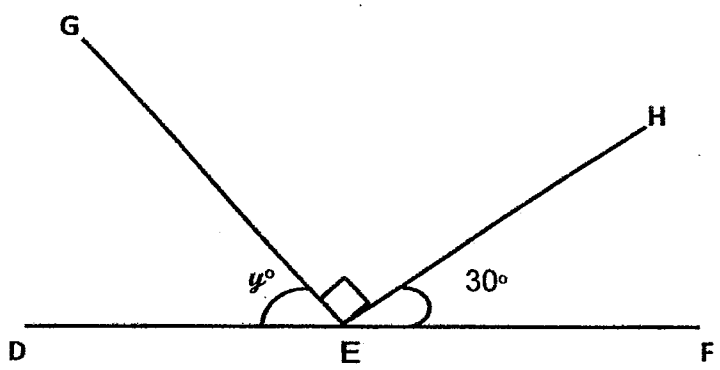
(1) It is a 4-sided figure.

(2) It has 4 right angles.

(3) Its opposite sides are parallel.

(4) Its sides are of equal lengths.

14. DEF is a straight line. Find $\angle y$.



(1) 60°

(2) 90°

(3) 120°

(4) 150°

15. The sum of two numbers is 896. One of them is 94 less than the other number. What is the smaller number?

(1) 401

(2) 448

(3) 495

(4) 802

End of Booklet A

ME / KC / CC / LYL

SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2017

PRIMARY 4

MATHEMATICS

BOOKLET B

Name : _____( )

Class : Primary 4 SY/C/G/SE/P

		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 16 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. Write 19 948 in words.

17. Find the sum of the first 3 multiples of 5.

Ans : _____

18. Look at the number pattern below and fill in the missing number.

3566 , 4066 , 4566 , [?] , 5566 , 6066

Ans : _____

19. Divide 8209 by 9.

Do not write
In this column

Ans : _____

20. Multiply 457 by 42.

Ans : _____

21. $4 - \frac{3}{7} =$

Ans : _____

22. Arrange the following fractions in decreasing order.

Do not write In this column

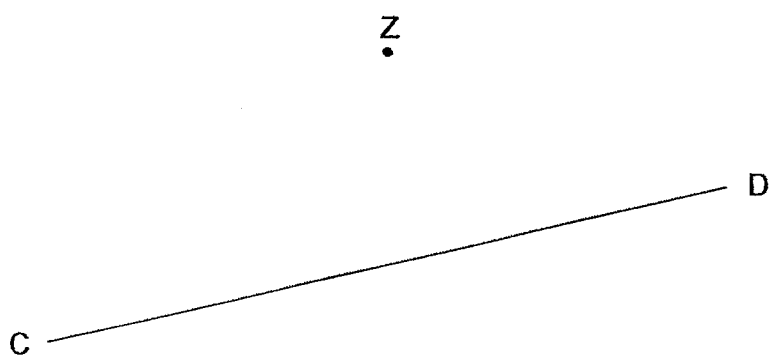
$$\frac{9}{3} \quad , \quad \frac{7}{6} \quad , \quad 4\frac{1}{3} \quad , \quad \frac{1}{9}$$

Ans: _____ (greatest), _____, _____, _____ (smallest)

23. What are the common factors of 18 and 42?

Ans : _____

24. Draw a line parallel to CD passing through point Z.

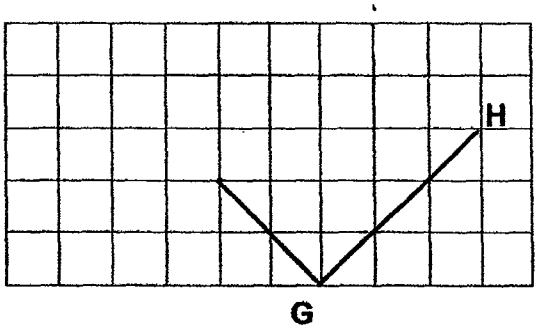


Do not write in this column

25. Draw $\angle EFG = 110^{\circ}$. Label it.

E F

26. Draw and complete the rectangle GHIJ in the grid below. Label the rectangle.



27. Candy has some muffins. She kept 12 for herself and gave 5 to each of her 4 friends. How many muffins does she have at first?

Ans : _____

Do not write in this column

28. Annie has $\frac{3}{10}$ kg of flour and Bala has $\frac{1}{2}$ kg of flour. How much more flour does Bala have than Annie? (Give your answer in its simplest form.)

Ans : _____ kg

29. Alisha read 300 pages of a book on Monday. She read 184 pages each day for the rest of the week. How many pages did she read for the week?

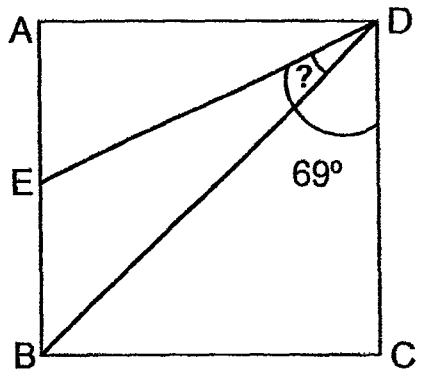
Ans : _____

30. Doris has 9 times as many apples as Lilly. If Doris has 128 **more** apples than Lily, how many apples do they have altogether?

Ans : _____

Do not write
In this column

31. The figure below is not drawn to scale. ABCD is a square.
$\angle CDE = 69^\circ$. Find the value of $\angle BDE$.



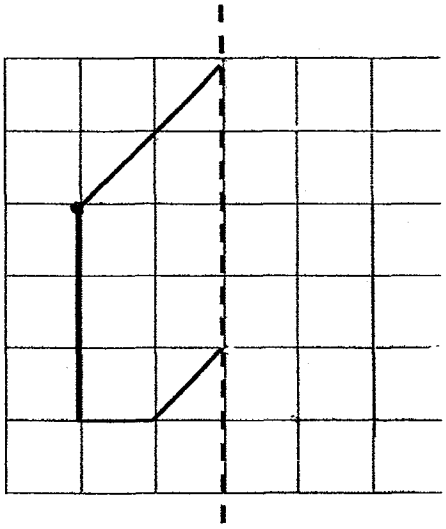
Ans : _____ °

32. Siti had 525 cm of ribbon. She used $\frac{1}{5}$ of it to make 7 hair bands.
How much ribbon did she use for 1 hairband?

Ans : _____ cm

33. Complete the figure below using the dotted line as the line of symmetry.

Do not write In this column



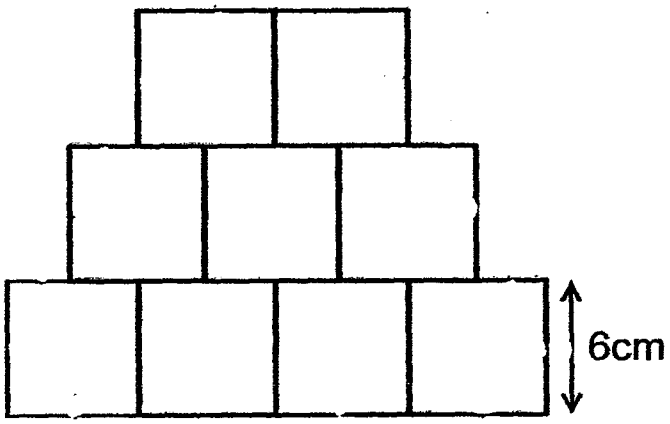
34. A farmer had twice as many chickens as cows. After he sold 330 chickens, he had twice as many cows as chickens. How many chickens were left?

Ans : _____

4

35. The figure below is made up of 9 identical squares. Find the perimeter of the figure.

Do not write In this column



Ans : _____cm

END OF SECTION B

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.

Do not write In this column

36. There are some green and blue buttons in a box. $\frac{2}{9}$ of the buttons are blue.

There are 574 blue buttons. How many green buttons are there?

Ans: [3]

37. At a party, there ~~were~~ was an equal number of adults and children. After 42 children left, there were three times as many adults as children. How many adults were there at the party?

Ans: _____ [3]

6

38. Carrie is 7 years older than her sister. Three years ago, their total age was 43. How old is Carrie now?

Do not write In this column

Ans: _____ [4]

4

39. Mother packed an equal number of apples into 10 boxes and had 140 apples left. If she packed the same equal number of apples into 6 boxes, she would have 600 apples left. How many apples did Mother have?

Do not write In this column

Ans: _____ [4]

4

40. Jessica and Sarah each bought identical computers at the same price. Jessica bought an additional pair of headphones while Sarah bought an extra set of speakers. Jessica's headphones cost $40. Jessica spent $2000 and Sarah spent $2600.

a) Find the price of the computer.

b) Find the price of Sarah's speakers.

Do not write In this column

Ans: a) _____ [2]

b) _____ [2]

4

41. Tiffany, Sandra and Ray spent a total of $2260. Tiffany spent twice as much as Sandra and Ray spent $260 more than Tiffany. How much did Ray spend?

Do not write In this column

Ans: _____ [4]

4

42. Jill had twice as many marbles as Jack. Kate had 5 times as many marbles as Jack. After Jill bought some marbles and Jack bought another 260 marbles, all three of them had the same number of marbles. Find the total number of marbles the three children had in the end.

Do not write
In this colum

Ans: _____ [4]

4

43. At a school carnival, $\frac{1}{3}$ of the pupils ate chicken rice, $\frac{1}{4}$ of the pupils ate noodles and the rest ate pizza. If 300 more pupils ate pizza than noodles, how many pupils ate at the carnival?

Do not write in this column

Ans: _____ [4]

4

END OF PAPER
PLEASE CHECK YOUR WORK

ANSWER KEY

YEAR	:	2017
LEVEL	:	PRIMARY 4
SCHOOL	:	SINGAPORE CHINESE GIRLS'
SUBJECT	:	MATHEMATICS
TERM	:	SA1

Booklet A

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

Booklet B

16) Nineteen thousand nine hundred and forty-eight.

17) 30

18) 5066 (5066)

19) 912R1

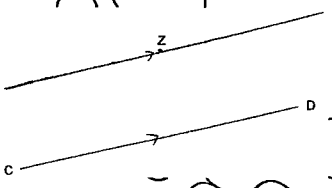
20) 19194

21) $3\frac{4}{7}$

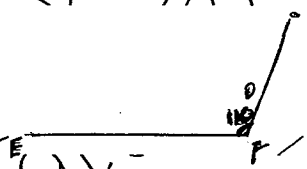
22) $4\frac{1}{3}, \frac{9}{3}, \frac{7}{6}, \frac{1}{9}$

23) 1, 2, 3 and 6

24)



25)



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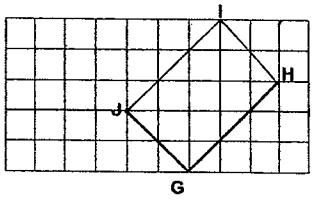


27) 32

28) $\frac{1}{5}$ kg

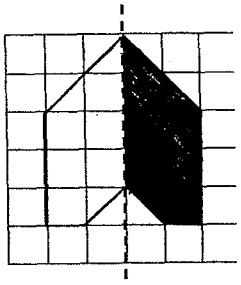
29) 1404 pages

30) 160 apples

31) 24°

32) 15 cm

33)



34) 110 chickens

35) 84 cm

36) 2u → 574
1u → 574 ÷ 2 = 278

$1 - \frac{2}{9} = \frac{7}{9}$

7u → 287 x 7 ⇒ <u>2009 green buttons</u>

37) 2u → 42
1u → 42 ÷ 2 = 21
3u → 21 x 3 ⇒ <u>63 adults</u>

38) Now → 43 + 3 + 3 = 49
2u → 49 – 7 = 42
1u → 42 ÷ 2 = 21
21 + 7 ⇒ <u>28 years old</u>

39) Gap → 600 – 140 = 460
Diff → 10 – 6 = 4
460 ÷ 4 = 115
115 x 10 = 1150
1150 + 140 ⇒ <u>1290 apples</u>

Free Delivery: 98518229, 98518226, 81612644, 98858586

40) (a) Computer → \$2000 - \$40 ⇒ <u>\$1960</u>

(b) Sarah's speakers → \$2600 - \$1960 ⇒ <u>\$640</u>

41) \$2260 - \$260 = \$2000
5u → \$2000
1u → \$2000 ÷ 5 = \$400
2u → \$400 x 2 = \$800
\$800 + \$ 260 ⇒ <u>\$1060</u>

42) 5u - 1u = 4u
4u → 260
1u → 260 ÷ 4 = 65
15u → 65 x 15 ⇒ <u>975 marbles</u>

43) $\frac{1}{3} = \frac{4}{12}$ $\frac{1}{4} = \frac{3}{12}$

$1 - \frac{4}{12} - \frac{3}{12} = \frac{5}{12}$

$\frac{5}{12} - \frac{3}{12} = \frac{2}{12}$

2u = 300
1u → 300 ÷ 2 = 150
12u = 150 x 12 ⇒ <u>1800 pupils</u>

Free Delivery: 98518229, 98518226, 81612644, 92

End

Name: _____ ( )

Class : Primary 4_____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 4 Mathematics

2017 Semestral Assessment One

Booklet A

5 May 2017

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. In 49 673, the digit _____ is in the ten thousands place.

   (1) 6

   (2) 7

   (3) 9

   (4) 4

2. Round 37 552 to the nearest hundred.

   (1) 38 000

   (2) 37 600

   (3) 37 550

   (4) 37 500

3. Which of the following numbers are arranged from the smallest to the greatest?

   (1) 3141, 3411, 3524, 3543

   (2) 3212, 3221, 2331, 4321

   (3) 3021, 3112, 3322, 3312

   (4) 3451, 3315, 2341, 1532

4. Which of the following is **NOT** a common factor of 12 and 24?

(1) 12

(2) 8

(3) 3

(4) 6

5. What is the product of 36 and 25?

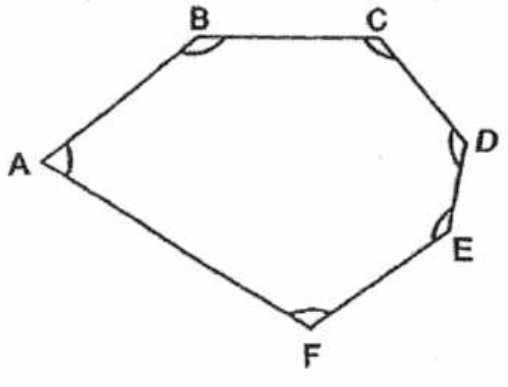
(1) 212

(2) 252

(3) 770

(4) 900

6. Look at the figure below. How many of the marked angles in the figure are greater than a right angle?



(1) 5

(2) 2

(3) 3

(4) 4

7. Lina was facing north-west at first. She turned in an anti-clockwise direction and faced north-east. What fraction of a complete turn did she make?

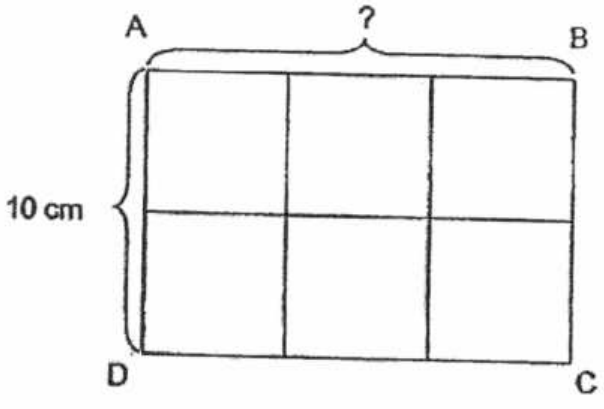
(1) $\frac{1}{2}$ - turn

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

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

(4) a complete turn

8. The rectangle ABCD is made up of 6 smaller identical squares. AD = 10 cm. What is the length of AB?



(1) 5 cm

(2) 10 cm

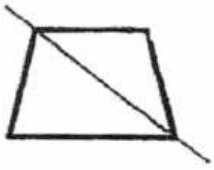
(3) 15 cm

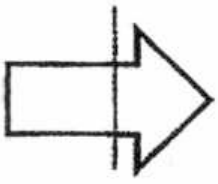
(4) 50 cm

9. Which line shows the correct line of symmetry?

(1)

(2)

(3) 

(4) 

10. How many 4-digit numbers, which are greater than 4000, can be formed using the digits 8, 4, 3, 0? All of the digits should be used to form each 4-digit number.

(1) 6

(2) 2

(3) 10

(4) 12

11. A number when rounded to the nearest ten is 5000. What is the number?

(1) 4994

(2) 4997

(3) 5005

(4) 5090

12. Divide 5432 by 4. The quotient is the sum of 2 numbers. One of the numbers is 849. What is the other number?

(1) 509

(2) 519

(3) 1358

(4) 2207

13. Eliza bought 4 similar bags at $492 at Shop A. Xiao Min bought 30 such bags from the same shop. How much did Xiao Min pay for the bags?

(1) $123

(2) $369

(3) $1968

(4) $3690

14. A factory produced 2754 pens. It produced 200 more erasers than pens. It produced 500 fewer rulers than erasers. How many rulers did the factory produce?

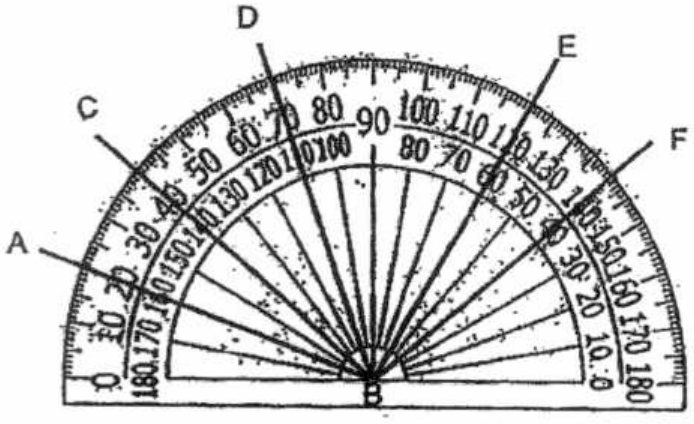
(1) 2454

(2) 2554

(3) 2954

(4) 3454

15. Look at the protractor below.
Which angle shows 70°?



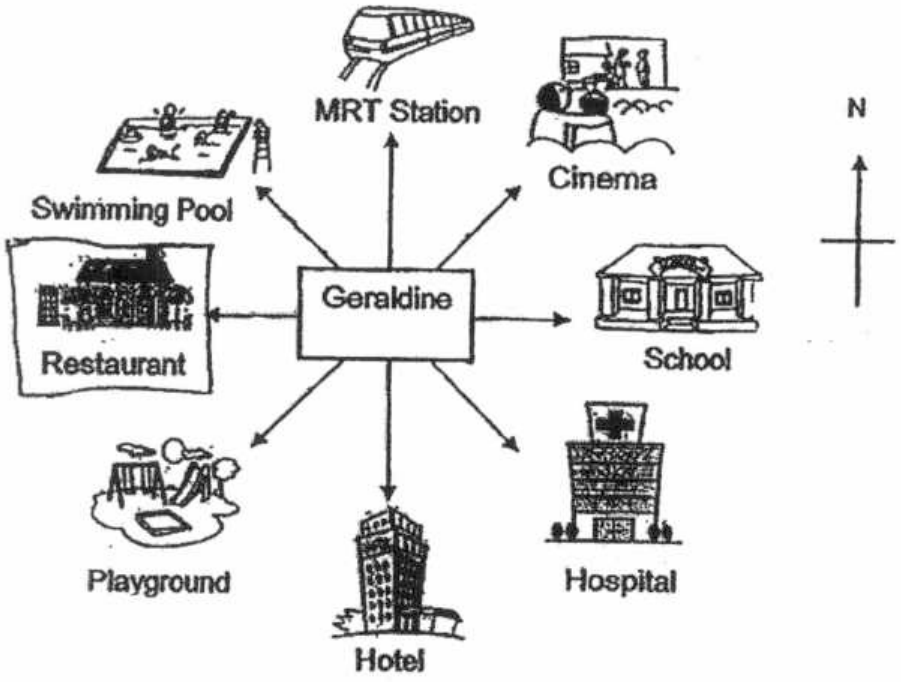
(1) ∠ABD

(2) ∠CBE

(3) ∠DBE

(4) ∠DBF

16. Geraldine was facing the hospital at first. She turned 225° anti-clockwise. Which place is she facing now?



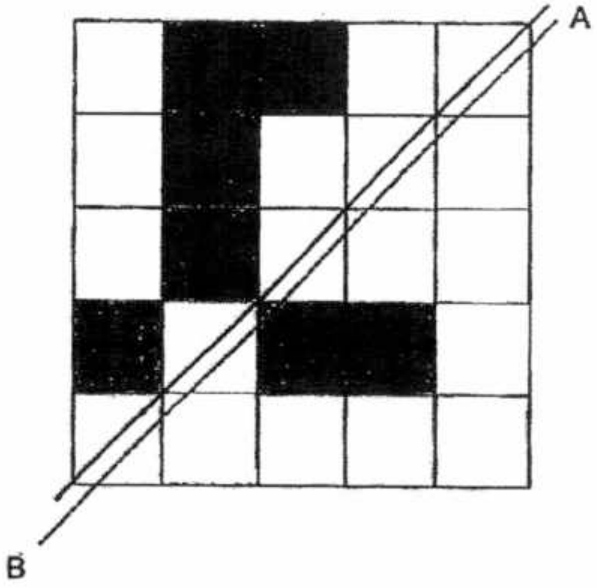
(1) Cinema

(2) Restaurant

(3) MRT Station

(4) Swimming Pool

17. The dotted line AB is the line of symmetry of the figure shown.
How many more squares must be shaded so that the figure is symmetric?



(1) 1

(2) 2

(3) 3

(4) 4

18. I am a multiple of 9.
One of my factors is 7.
I am between 60 and 80.
What am I?

(1) 63

(2) 70

(3) 72

(4) 77

19. Blue pens were sold in boxes of 12. Each box cost $6. Jane spent $48.
How many blue pens did she buy?

(1) 96

(2) 24

(3) 8

(4) 4

20. Shelly used sticks to form the figures that follow a pattern.
The first three figures are shown below.

Figure 1

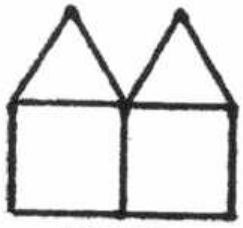


Figure 2

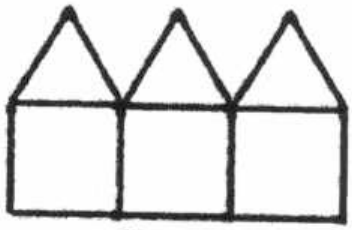


Figure 3

How many sticks are needed to make figure 5?

(1) 18

(2) 21

(3) 26

(4) 36

- END OF BOOKLET A -

Section B: (20 x 2 marks)

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

Do not write in this space

21. What is 32 hundreds, 9 tens and 9 ones in figures?

Ans : _____

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

7890, 17 890, 27 890, 37 890, _____, 57 890

Ans : _____

23. Some of the factors of 18 are 1, 2, 3 and 9. What are the other two factors?

Ans : _____ and _____

24. $5024 \div 8 =$ _____

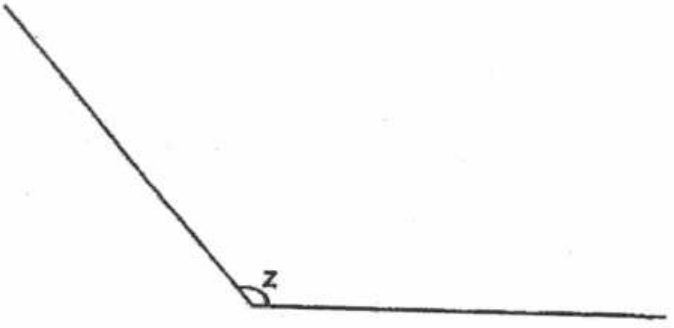
Do not write in this space

Ans : _____

25. When a number is divided by 15, it gives a quotient of 483 and a remainder of 6. What is the number?

Ans : _____

26. Measure $\angle z$.



Ans : _____ °

27. Mary wrote down a 5-digit number on a piece of paper. However, she spilled some milk on it. Look at the clues given below.

Do not write in this space

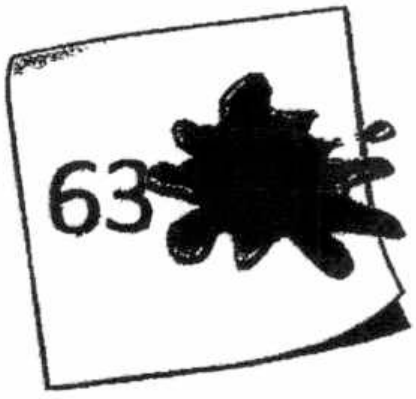
Clues:

(i) The tens digit is 5 more than the ones digit.

(ii) The hundreds digit is 3 less than the thousands digit.

(iii) The ten thousands digit is three times of the ones digit.

What is the number?



Ans : _____

28. Use the cards below to form the greatest 5-digit even number. Each digit should be used **ONCE** only.

1	5	2	6	8

Ans : _____

29. The difference between two numbers is 2400. The bigger number is five times the smaller number. Find the sum of the two numbers.

Do not write in this space

Ans : _____

30. Denny has a carton of apples. There are fewer than 45 apples in the carton. The number of apples in the carton can be packed into bags of 3 or 5. What is the greatest possible number of apples in the carton?

Ans : _____

31. James hung 9 flags on a string at an equal distance apart shown below. What was the total length of string used?

Do not write in this space

Ans : _____ cm

32. Zachary and Sally picked 3250 strawberries altogether. Zachary picked 250 fewer strawberries than Sally. How many strawberries did Sally pick?

Ans : _____

33. Tamara bought 13 boxes of stickers. There were 18 stickers in each box. She repacked all the stickers into packets of 4 stickers each. There were some stickers left that could not be packed into one packet. How many stickers were left unpacked?

Do not write in this space

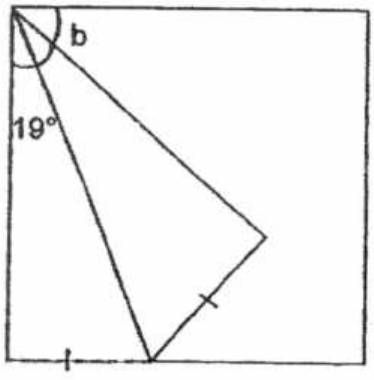
Ans : _____

34. For every 4 sets of newspapers Jason delivered, Mei Xin delivered 5 sets. They delivered 72 sets of newspapers in total. How many sets of newspapers did Jason deliver?

Ans : _____

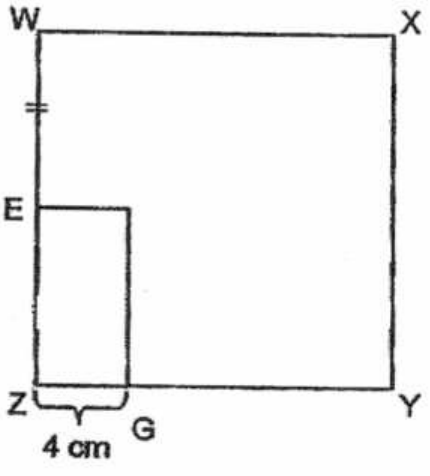
35. A square piece of paper is folded as shown below. Find ∠b.

Do not write in this space



Ans : _____ °

36. The figure below shows a square WXYZ and a rectangle EFGZ. ZE = EW. ZE is twice as long as ZG. ZG = 4 cm. Find the length of WX.



Ans : _____ cm

37. Which of these figures are symmetric?

Do not write in this space

Figure A

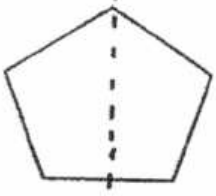


Figure B ×

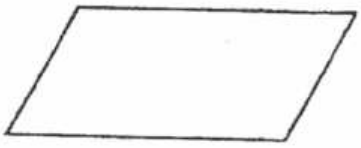
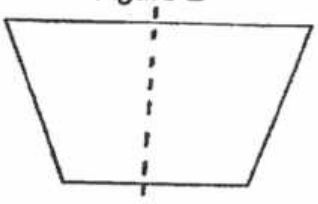


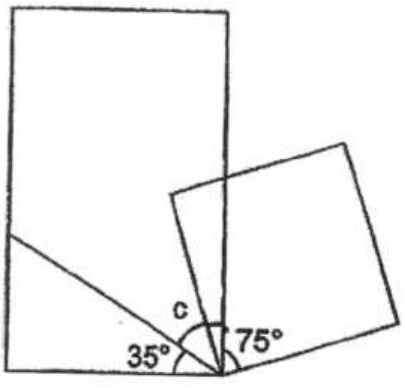
Figure C ×

Figure D



Ans : Figures _____ and _____

38. The figure below is made up of a square and a rectangle. Find ∠c.



Ans : _____ °

39. An aeroplane made 4 trips. It travelled 3075 km each on 2 of the trips. On the other trips, it travelled 1740 km each. What was the total distance travelled by the aeroplane?

Do not write in this space

Ans : _____ km

40. Anita had 403 more stamps than Li Wei. Li Wei gave Anita another 268 stamps. How many more stamps did Anita have than Li Wei in the end?

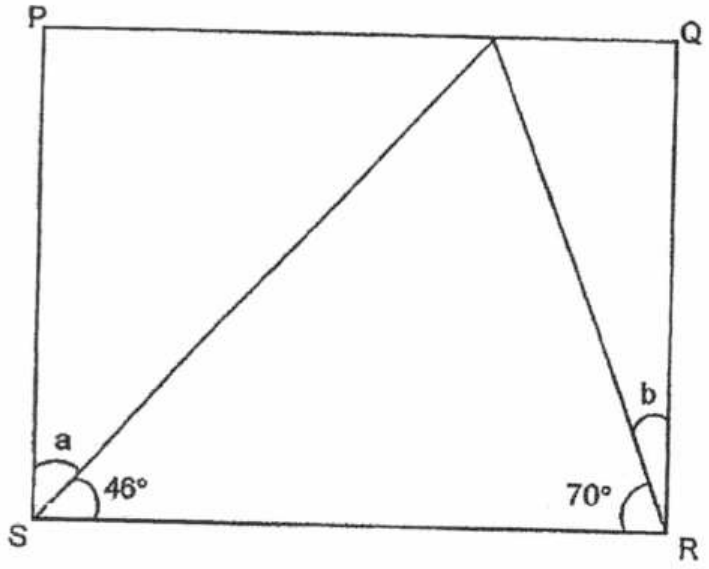
Ans : _____

Section C: (22 marks)

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

Do not write in this space

41. PQRS is a rectangle. Find the sum of ∠a and ∠b.



Ans : _____ [3]

42. 7 similar magazines and 5 similar books cost $105. Each book cost $14. How much did each magazine cost?

Do not write in this space

Ans: _____ [3]

43. 3 pillows and 4 bolsters cost $184. Each bolster costs $18 more than a pillow. Find the cost of a pillow.

Do not write in this space

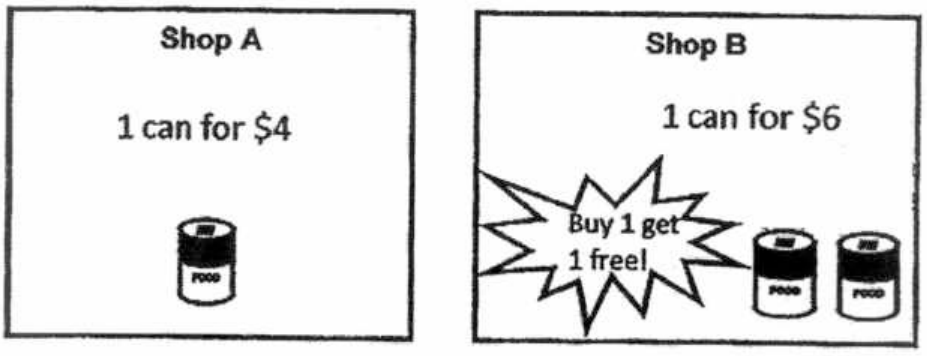
Ans : _____ [3]

44. Michelle wanted to buy 6 cans of food for her dog. She visited two shops which sold the same type of canned food.

a) She wanted to save some money. Which shop should she buy from?

b) How much more money would she save from buying the 6 cans of food?

Do not write in this space



Ans : a) Shop_____ [1]

b) _____ [2]

45. There were an equal number of boys and girls in the Art club at first. Then, another 17 boys joined the club and another 7 girls left the club. There are four times as many boys as girls in the club now.

a) How many girls were there at first?

b) How many children were there at first?

Do not write in this space

Ans : a) _____ [3]

b) _____ [1]

46. Maisie and Wei Qiang saved a total of $4586. Wei Qiang and Ali saved a total of $1321. Maisie saved 6 times as much money as Ali. How much money did Wei Qiang save?

Do not write in this space

Ans : _____ [4]

END OF PAPER

SCHOOL : CHIJ ST NICOLAS PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2017 SA1

CONTACT :

SECTION A

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

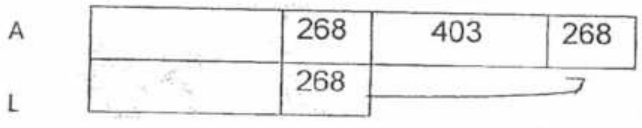
Q 11	Q12	Q13	Q14	Q15	Q 16	Q17	Q18	Q19	Q20
2	1	4	1	4	2	3	1	1	3

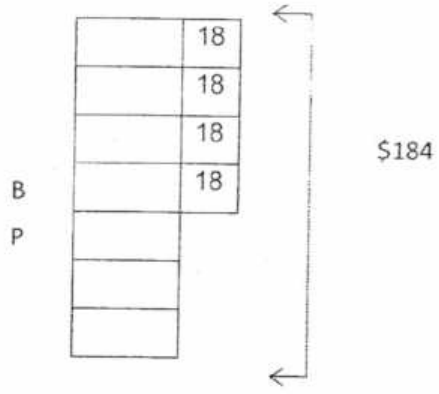
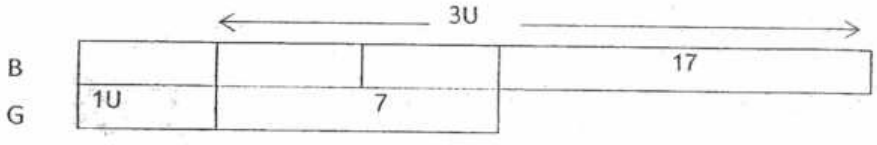
SECTION B

Q21	Q22	Q23	Q24	Q25
3299	47890	6,18	628	7251

Q26	Q27	Q28	Q29
132	63072	86512	3600

Q30)	**30**
Q31)	15 x 8 = **120**
Q32)	3250 – 250 = 3000 3000 ÷ 2 = 1500 1500 + 250 = **1750**
Q33)	13 x 18 = 234 234 ÷ 4 = 58 R 2 **(Ans : 2)**

Q34)	J + M = 4 + 5 = 9 72 ÷ 9 = 8 (8 sets of 9) J → 4 x 8 = **32**
Q35)	19 x 2 = 38 90 – 38 = **52**
Q36)	**16**
Q37)	**A and D**
Q38)	90 – 75 = 15 90 – 15 – 35 = **40**
Q39)	3075 x 2 = 6150 6150 + 1740 = 7890 7890 + 1740 = **9630**
Q40)	 403 + 268 = 671 671 + 268 = **939**
Q41)	Angle a = 90 – 46 = 44 Angle b = 90 - 70 = 20 Angle a + angle b = 44 + 20 = **64**
Q42)	$14 x 5 = $70 $105 - $70 = $35 $35 ÷ 7 = **$5**

Q43)	 $18 x 4 = $72 $184 – $72 = $112 $112 ÷ 7 = $**16**
Q44)	**(a)** She should buy from **store B** (b) 4 x 6 = 24 6 x 3 = 18 24 – 18 = 6 She would save **$6**
Q45)	 (a) 17 + 7 = 24 24 ÷ 3 = 8 8 + 7 = **15** (b) 15 + 15 = **30**
Q46)	Maisie + WQ → $4586 Ali + WQ → $1321 Maisie + Ali → $4586 - $1321 = $3265 5 units → $3266 1 unit → $3265 ÷ 5 = $653 $1321 - $653 = **$668**

Name: _____ ( )

Class : Primary 4_____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 4 Mathematics

2017 Semestral Assessment One

Booklet A

5 May 2017

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. In 49 673, the digit _____ is in the ten thousands place.

   (1) 6

   (2) 7

   (3) 9

   (4) 4

2. Round 37 552 to the nearest hundred.

   (1) 38 000

   (2) 37 600

   (3) 37 550

   (4) 37 500

3. Which of the following numbers are arranged from the smallest to the greatest?

   (1) 3141, 3411, 3524, 3543

   (2) 3212, 3221, 2331, 4321

   (3) 3021, 3112, 3322, 3312

   (4) 3451, 3315, 2341, 1532

4. Which of the following is **NOT** a common factor of 12 and 24?

(1) 12

(2) 8

(3) 3

(4) 6

5. What is the product of 36 and 25?

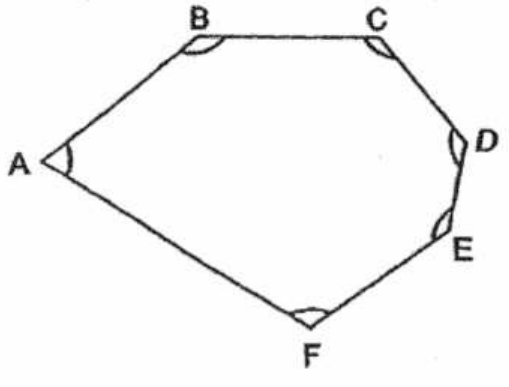
(1) 212

(2) 252

(3) 770

(4) 900

6. Look at the figure below. How many of the marked angles in the figure are greater than a right angle?



(1) 5

(2) 2

(3) 3

(4) 4

7. Lina was facing north-west at first. She turned in an anti-clockwise direction and faced north-east. What fraction of a complete turn did she make?

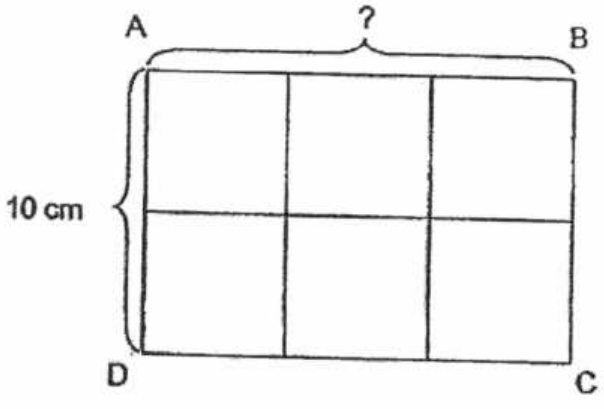
(1) $\frac{1}{2}$ - turn

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

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

(4) a complete turn

8. The rectangle ABCD is made up of 6 smaller identical squares. AD = 10 cm. What is the length of AB?



(1) 5 cm

(2) 10 cm

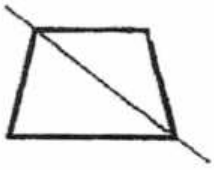
(3) 15 cm

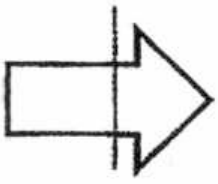
(4) 50 cm

9. Which line shows the correct line of symmetry?

(1)

(2)

(3) 

(4) 

10. How many 4-digit numbers, which are greater than 4000, can be formed using the digits 8, 4, 3, 0? All of the digits should be used to form each 4-digit number.

(1) 6

(2) 2

(3) 10

(4) 12

11. A number when rounded to the nearest ten is 5000. What is the number?

(1) 4994

(2) 4997

(3) 5005

(4) 5090

12. Divide 5432 by 4. The quotient is the sum of 2 numbers. One of the numbers is 849. What is the other number?

(1) 509

(2) 519

(3) 1358

(4) 2207

13. Eliza bought 4 similar bags at $492 at Shop A. Xiao Min bought 30 such bags from the same shop. How much did Xiao Min pay for the bags?

(1) $123

(2) $369

(3) $1968

(4) $3690

14. A factory produced 2754 pens. It produced 200 more erasers than pens. It produced 500 fewer rulers than erasers. How many rulers did the factory produce?

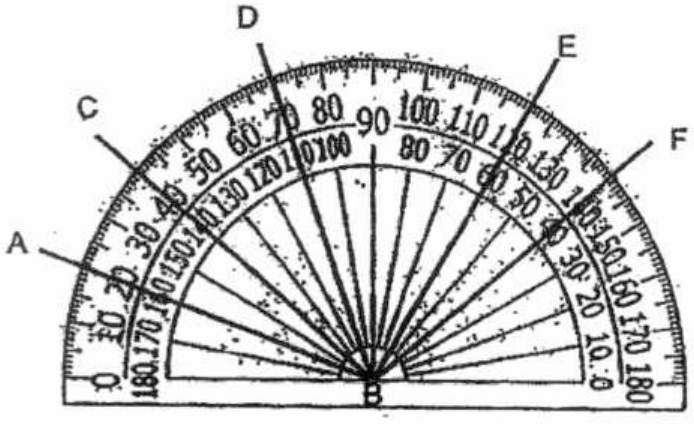
(1) 2454

(2) 2554

(3) 2954

(4) 3454

15. Look at the protractor below.
Which angle shows 70°?



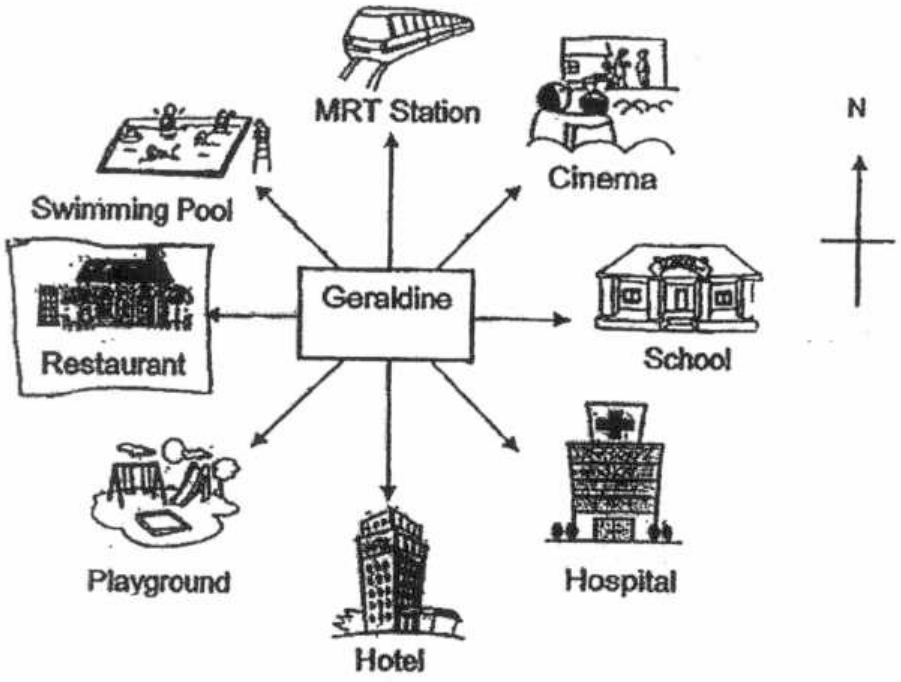
(1) ∠ABD

(2) ∠CBE

(3) ∠DBE

(4) ∠DBF

16. Geraldine was facing the hospital at first. She turned 225° anti-clockwise. Which place is she facing now?



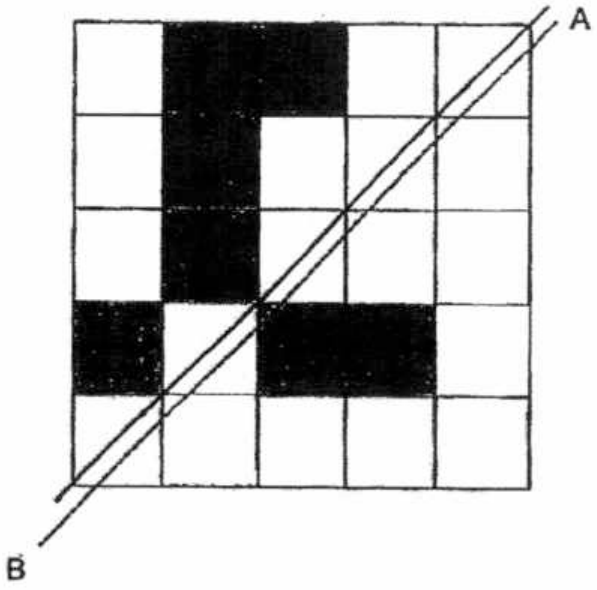
(1) Cinema

(2) Restaurant

(3) MRT Station

(4) Swimming Pool

17. The dotted line AB is the line of symmetry of the figure shown.
How many more squares must be shaded so that the figure is symmetric?



(1) 1

(2) 2

(3) 3

(4) 4

18. I am a multiple of 9.
One of my factors is 7.
I am between 60 and 80.
What am I?

(1) 63

(2) 70

(3) 72

(4) 77

19. Blue pens were sold in boxes of 12. Each box cost $6. Jane spent $48.
How many blue pens did she buy?

(1) 96

(2) 24

(3) 8

(4) 4

20. Shelly used sticks to form the figures that follow a pattern.
The first three figures are shown below.

Figure 1

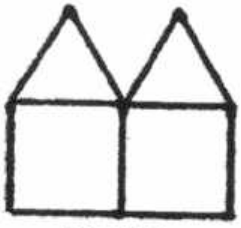


Figure 2

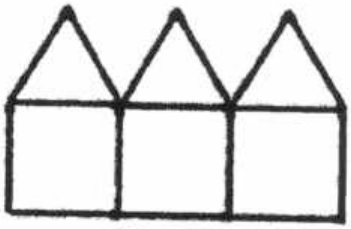


Figure 3

How many sticks are needed to make figure 5?

(1) 18

(2) 21

(3) 26

(4) 36

- END OF BOOKLET A -

Section B: (20 x 2 marks)

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

Do not write in this space

21. What is 32 hundreds, 9 tens and 9 ones in figures?

Ans : _____

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

7890, 17 890, 27 890, 37 890, _____, 57 890

Ans : _____

23. Some of the factors of 18 are 1, 2, 3 and 9. What are the other two factors?

Ans : _____ and _____

24. $5024 \div 8 =$ _____

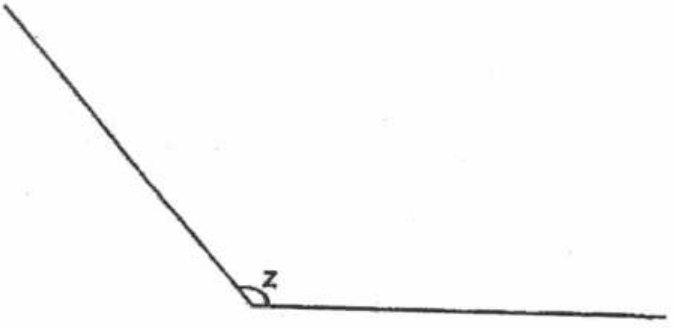
Do not write in this space

Ans : _____

25. When a number is divided by 15, it gives a quotient of 483 and a remainder of 6. What is the number?

Ans : _____

26. Measure $\angle z$.



Ans : _____ °

27. Mary wrote down a 5-digit number on a piece of paper. However, she spilled some milk on it. Look at the clues given below.

Do not write in this space

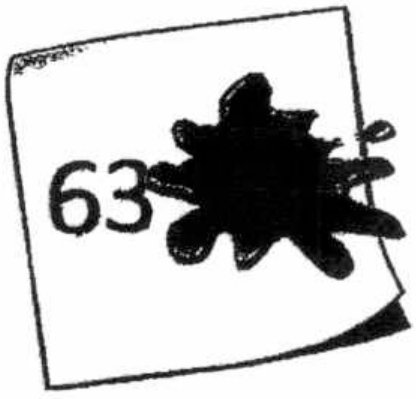
Clues:

(i) The tens digit is 5 more than the ones digit.

(ii) The hundreds digit is 3 less than the thousands digit.

(iii) The ten thousands digit is three times of the ones digit.

What is the number?



Ans : _____

28. Use the cards below to form the greatest 5-digit even number. Each digit should be used **ONCE** only.

1	5	2	6	8

Ans : _____

29. The difference between two numbers is 2400. The bigger number is five times the smaller number. Find the sum of the two numbers.

Do not write in this space

Ans : _____

30. Denny has a carton of apples. There are fewer than 45 apples in the carton. The number of apples in the carton can be packed into bags of 3 or 5. What is the greatest possible number of apples in the carton?

Ans : _____

31. James hung 9 flags on a string at an equal distance apart shown below. What was the total length of string used?

Do not write in this space

Ans : _____ cm

32. Zachary and Sally picked 3250 strawberries altogether. Zachary picked 250 fewer strawberries than Sally. How many strawberries did Sally pick?

Ans : _____

33. Tamara bought 13 boxes of stickers. There were 18 stickers in each box. She repacked all the stickers into packets of 4 stickers each. There were some stickers left that could not be packed into one packet. How many stickers were left unpacked?

Do not write in this space

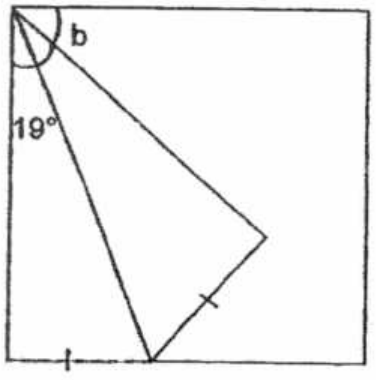
Ans : _____

34. For every 4 sets of newspapers Jason delivered, Mei Xin delivered 5 sets. They delivered 72 sets of newspapers in total. How many sets of newspapers did Jason deliver?

Ans : _____

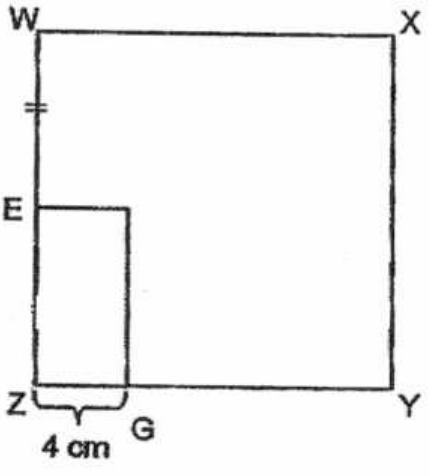
35. A square piece of paper is folded as shown below. Find ∠b.

Do not write in this space



Ans : _____ °

36. The figure below shows a square WXYZ and a rectangle EFGZ. ZE = EW. ZE is twice as long as ZG. ZG = 4 cm. Find the length of WX.



Ans : _____ cm

37. Which of these figures are symmetric?

Do not write in this space

Figure A

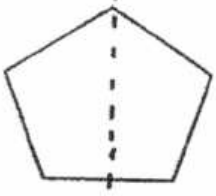


Figure B ×

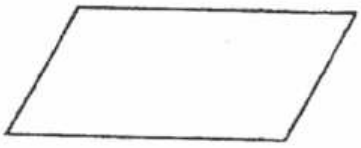
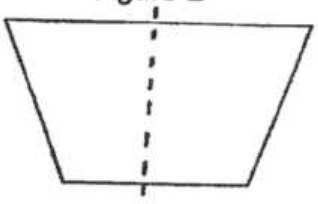


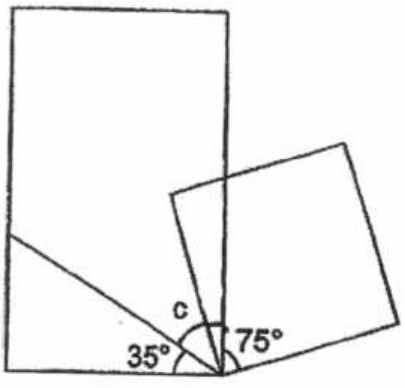
Figure C ×

Figure D



Ans : Figures _____ and _____

38. The figure below is made up of a square and a rectangle. Find ∠c.



Ans : _____ °

39. An aeroplane made 4 trips. It travelled 3075 km each on 2 of the trips. On the other trips, it travelled 1740 km each. What was the total distance travelled by the aeroplane?

Do not write in this space

Ans : _____ km

40. Anita had 403 more stamps than Li Wei. Li Wei gave Anita another 268 stamps. How many more stamps did Anita have than Li Wei in the end?

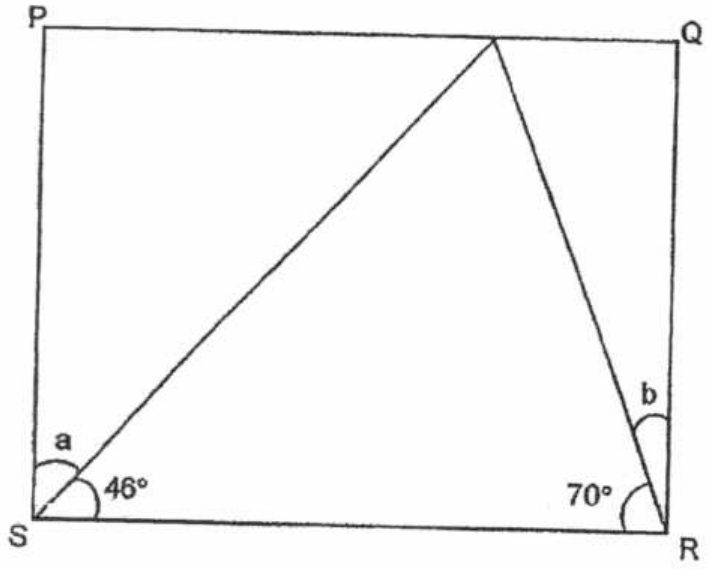
Ans : _____

Section C: (22 marks)

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

Do not write in this space

41. PQRS is a rectangle. Find the sum of ∠a and ∠b.



Ans : _____ [3]

42. 7 similar magazines and 5 similar books cost $105. Each book cost $14. How much did each magazine cost?

Do not write in this space

Ans: _____ [3]

43. 3 pillows and 4 bolsters cost $184. Each bolster costs $18 more than a pillow. Find the cost of a pillow.

Do not write in this space

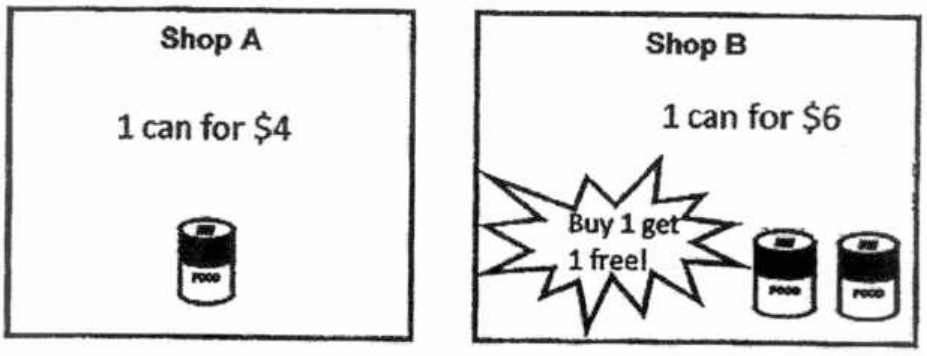
Ans : _____ [3]

44. Michelle wanted to buy 6 cans of food for her dog. She visited two shops which sold the same type of canned food.

a) She wanted to save some money. Which shop should she buy from?

b) How much more money would she save from buying the 6 cans of food?

Do not write in this space



Ans : a) Shop_____ [1]

b) _____ [2]

45. There were an equal number of boys and girls in the Art club at first. Then, another 17 boys joined the club and another 7 girls left the club. There are four times as many boys as girls in the club now.

a) How many girls were there at first?

b) How many children were there at first?

Do not write in this space

Ans : a) _____ [3]

b) _____ [1]

46. Maisie and Wei Qiang saved a total of $4586. Wei Qiang and Ali saved a total of $1321. Maisie saved 6 times as much money as Ali. How much money did Wei Qiang save?

Do not write in this space

Ans : _____ [4]

END OF PAPER

SCHOOL : CHIJ ST NICOLAS PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2017 SA1

CONTACT :

SECTION A

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

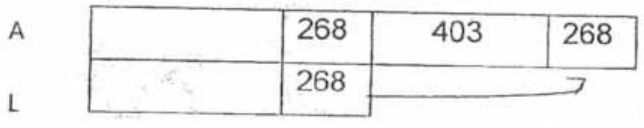
Q 11	Q12	Q13	Q14	Q15	Q 16	Q17	Q18	Q19	Q20
2	1	4	1	4	2	3	1	1	3

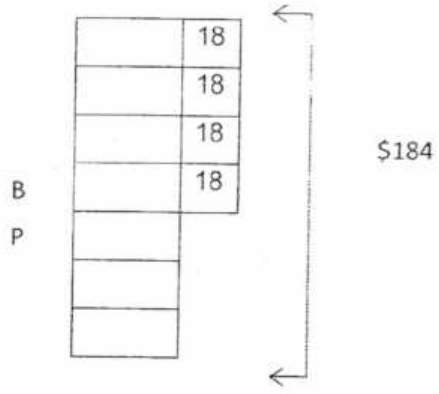
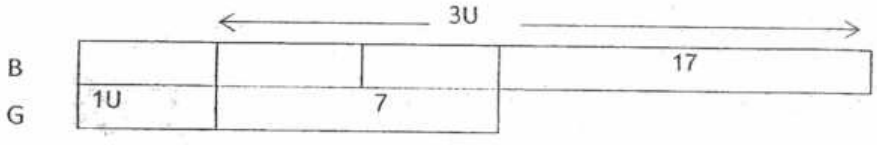
SECTION B

Q21	Q22	Q23	Q24	Q25
3299	47890	6,18	628	7251

Q26	Q27	Q28	Q29
132	63072	86512	3600

Q30)	**30**
Q31)	15 x 8 = **120**
Q32)	3250 – 250 = 3000 3000 ÷ 2 = 1500 1500 + 250 = **1750**
Q33)	13 x 18 = 234 234 ÷ 4 = 58 R 2 **(Ans : 2)**

Q34)	J + M = 4 + 5 = 9 72 ÷ 9 = 8 (8 sets of 9) J → 4 x 8 = **32**
Q35)	19 x 2 = 38 90 – 38 = **52**
Q36)	**16**
Q37)	**A and D**
Q38)	90 – 75 = 15 90 – 15 – 35 = **40**
Q39)	3075 x 2 = 6150 6150 + 1740 = 7890 7890 + 1740 = **9630**
Q40)	 403 + 268 = 671 671 + 268 = **939**
Q41)	Angle a = 90 – 46 = 44 Angle b = 90 - 70 = 20 Angle a + angle b = 44 + 20 = **64**
Q42)	$14 x 5 = $70 $105 - $70 = $35 $35 ÷ 7 = **$5**

Q43)	 $18 x 4 = $72 $184 – $72 = $112 $112 ÷ 7 = $**16**
Q44)	**(a)** She should buy from **store B** (b) 4 x 6 = 24 6 x 3 = 18 24 – 18 = 6 She would save **$6**
Q45)	 (a) 17 + 7 = 24 24 ÷ 3 = 8 8 + 7 = **15** (b) 15 + 15 = **30**
Q46)	Maisie + WQ → $4586 Ali + WQ → $1321 Maisie + Ali → $4586 - $1321 = $3265 5 units → $3266 1 unit → $3265 ÷ 5 = $653 $1321 - $653 = **$668**

PRIMARY 4 MID-YEAR EXAMINATION 2017

Name : _____ ( ) Date: 12 May 2017

Class : Primary 4 ( ) Time: 8.00 a.m. to 9.00 a.m.

Parent's Signature : _____ Marks: _____ / 100

MATHEMATICS

PAPER 1

(Booklet A and Booklet B)

Duration for Paper 1 is **1 hour.**

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
Paper 2	40

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. In 43 852, the digit 8 stands for _____.

   (1) 8
   (2) 80
   (3) 800
   (4) 8000

2. 83 102 = _____ ten thousands + 3 thousands + 1 hundreds + 2 ones

   (1) 8
   (2) 80
   (3) 3
   (4) 83

3. A number when rounded to the nearest ten is **1000**.
   What is that number?

   (1) 949
   (2) 989
   (3) 998
   (4) 1048

4. $\frac{6}{10}$ is equivalent to _____.

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

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

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

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

5. $\frac{7}{9} - \frac{1}{3} =$ _____

(1) $\frac{4}{9}$

(2) $\frac{6}{9}$

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

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

6. The product of 295 and 18 is _____.

(1) 2655

(2) 3570

(3) 4210

(4) 5310

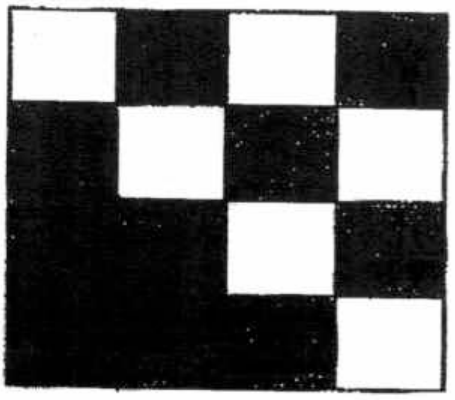
7. A number when divided by 7 gives a quotient of 84 and a remainder of 3. What is this number?

(1) 15
(2) 80
(3) 588
(4) 591

8. How many fifths are there in $4\frac{3}{5}$?

(1) 12
(2) 17
(3) 20
(4) 23

9. What fraction of the figure is shaded?



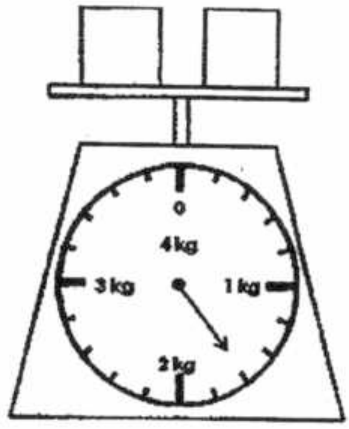
(1) $\frac{5}{8}$

(2) $\frac{6}{16}$

(3) $\frac{7}{13}$

(4) $\frac{7}{16}$

10. The figure below shows 2 identical boxes on a weighing scale. Find the mass of 4 such boxes.



(1) 1kg 300 g
(2) 2kg 600 g
(3) 3kg 200 g
(4) 4kg 400 g

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 11 to 30 carry 2 marks each. (40 marks)

---

11. Write 91 043 in words.

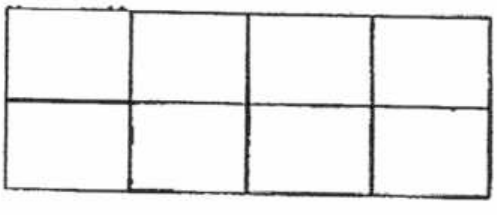
_____

_____

12. Complete the following number pattern.

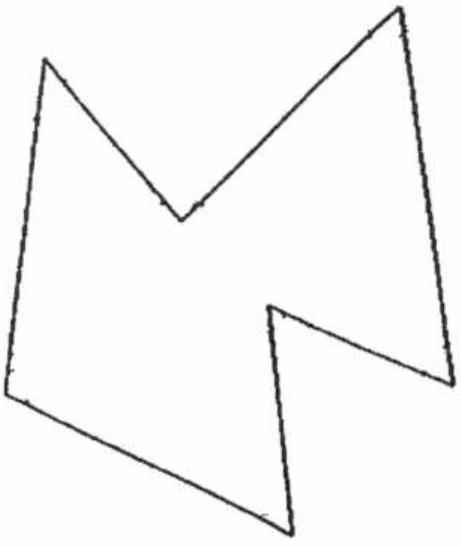
8 800, _____, 9 000, 9 100, 9 200

13. Shade the correct number of boxes to show $\frac{1}{4}$.



14. Devi baked 16 cupcakes. She gave away 12 cupcakes. What fraction of the cupcakes was left? Express your answer in its simplest form.

15. Look at the figure. How many angles inside the figure are less than 90°?



16. Arrange the following fractions in increasing order.

$$\frac{10}{8},\ \frac{11}{4},\ 2\frac{1}{2}$$

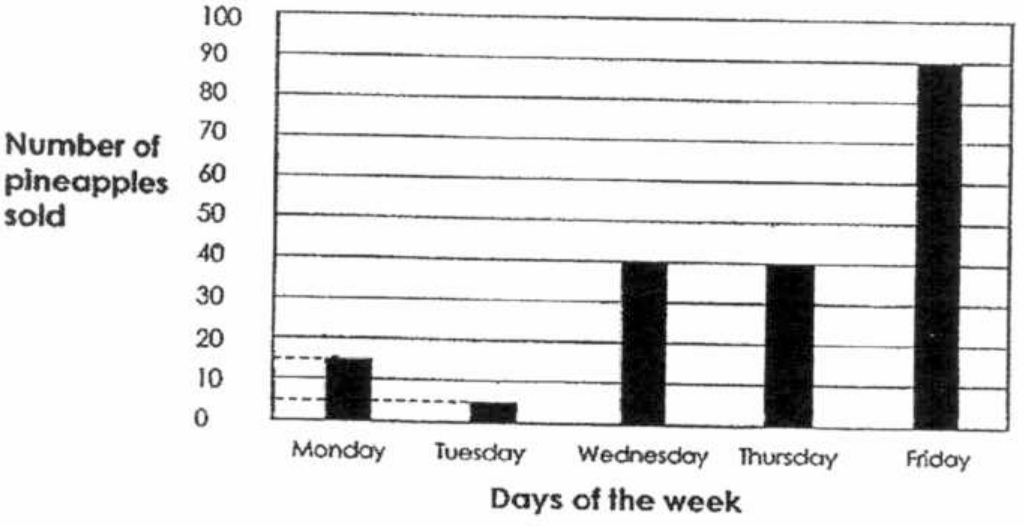
____, ____, ____

17. Matt read $\frac{5}{7}$ of a book and had 68 pages left. How many pages were there in the book?

18. Haikal bent a 48-cm wire to make a square. What was the area of the square?

cm^2

19. The graph below shows the number of pineapples sold by Mr Sim from Monday to Friday. Study the graph carefully and answer questions 19(a) and 19(b).

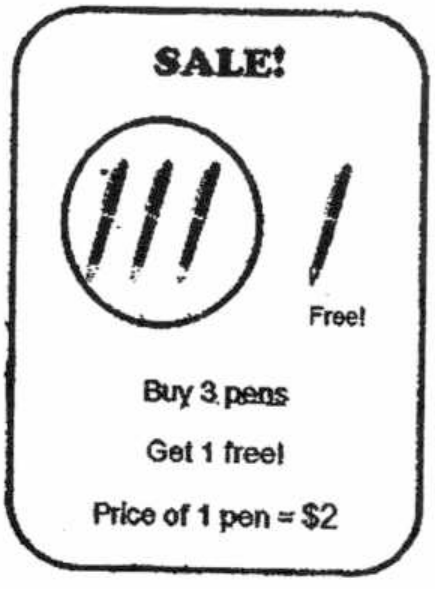


(a) How many pineapples were sold from Tuesday to Thursday?

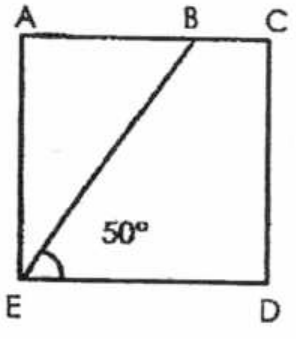
(b) 5 pineapples cost $10. How much more money did Mr Sim receive from the sale of the pineapples on Friday than on Monday?

$

20. Mrs Tan spent $24 on some pens during the sale. How many pens did she receive in total?

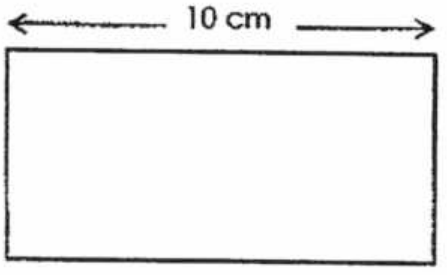


21. Find the size of ∠AEB in the given square.



22. $5\frac{2}{3} + 2\frac{1}{6} =$?

23. The length of the figure below is twice its breadth. Find its perimeter.



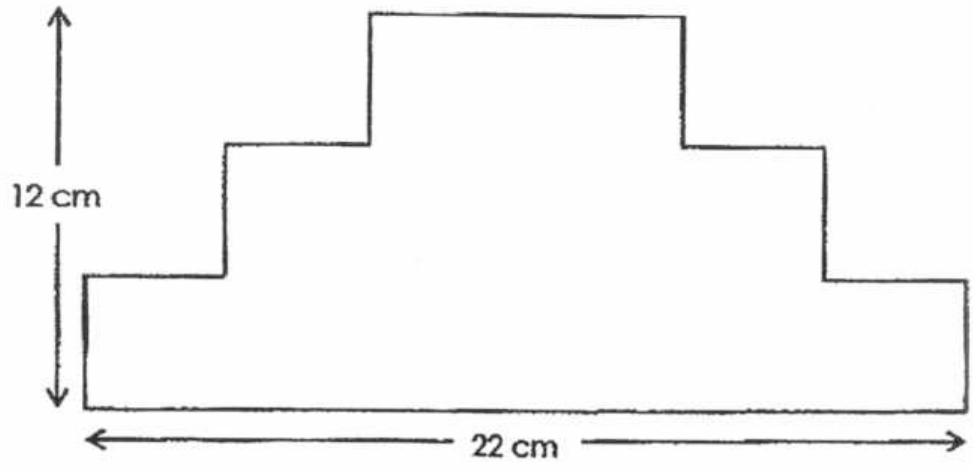
cm

24. Kelly is facing East. She turns 225° anti-clockwise. What direction is she facing now?

25. Draw a square EFGH of side 6 cm.

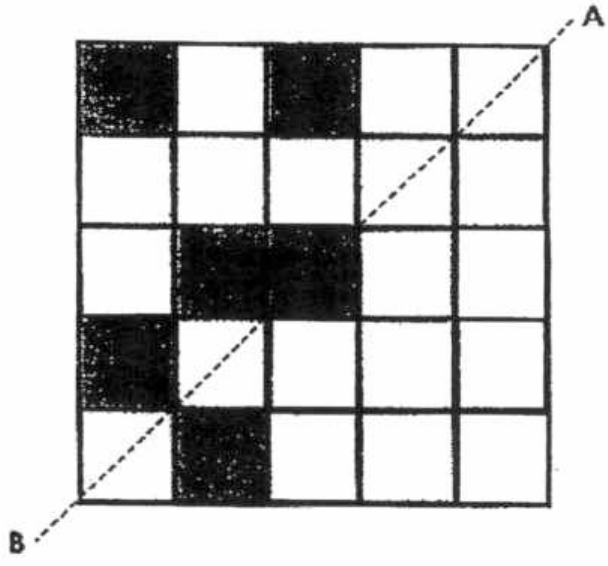
E F

26. Find the perimeter of the figure.



cm

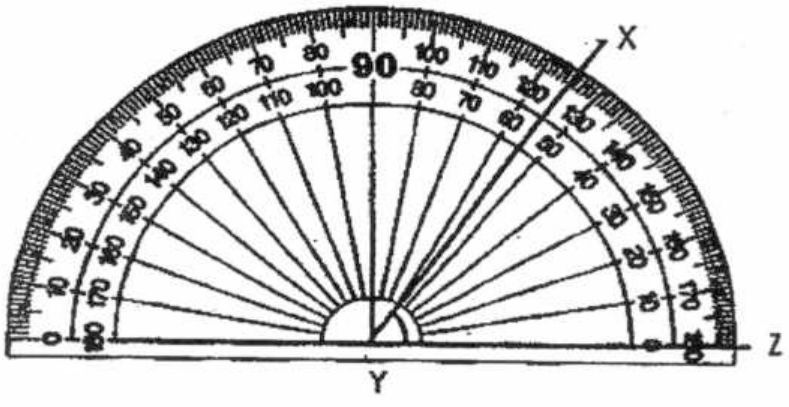
27. Complete the symmetric figure with AB as the line of symmetry. Shade the figure.



28. The length of a rectangular field is 90m. Its breadth is 65m. Find the area of the rectangular field.

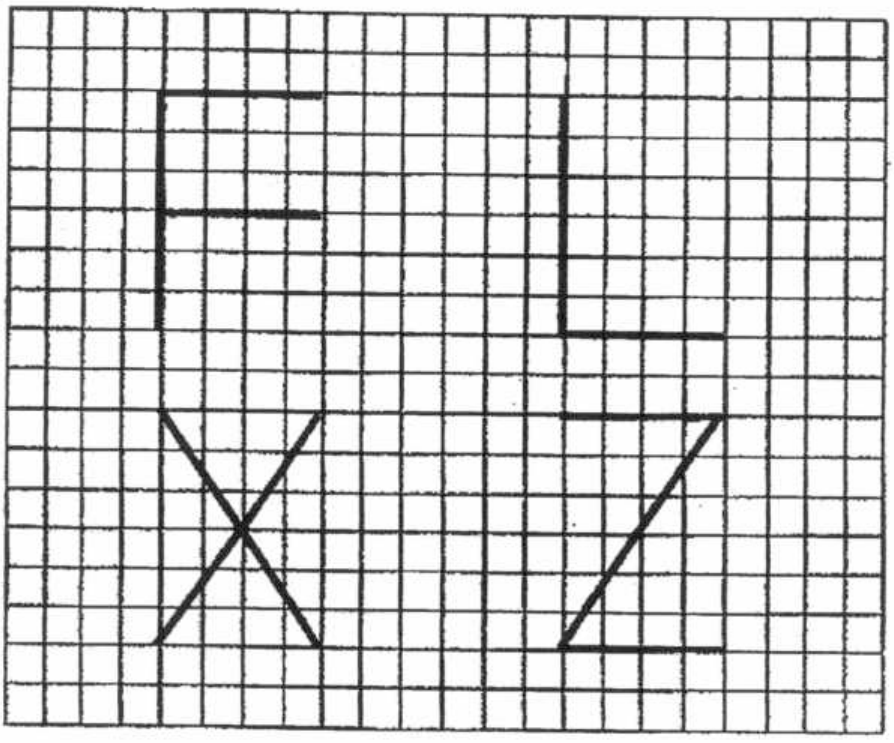
	m^2

29. Find $\angle XYZ$.



	°

30. In the diagram below, the letters F, L, X and Z are drawn on a square grid. List the letters which have parallel lines.



End of Paper 1

PRIMARY 4 MID-YEAR EXAMINATION 2017

Name : _____ (21) Date: 12 May 2017

Class : Primary 4 ( ) Time: 10.30 a.m. to 11.30 a.m.

Parent's Signature : _____ Marks: _____ / 40

MATHEMATICS

PAPER 2

Duration 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. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

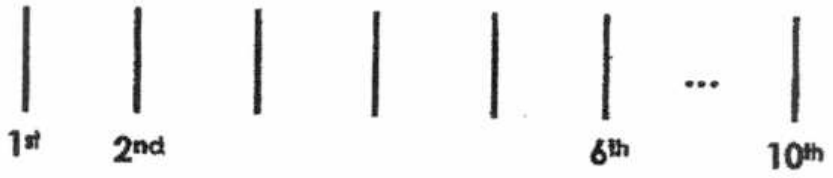
1. Class A and Class B made1650 postcards in a charity drive. Class A made 850 postcards. Class C made100 postcards more than Class B . How many postcards did the three classes make in the charity drive?

Ans : _____

2. A vacuum cleaner costs $640. It costs 5 times as much as an electric cooker. Mary bought a vacuum cleaner and an electric cooker. How much did she spend altogether?

Ans : _____

3. Paul drew parallel lines in a row at equal distances. The distance between the 2nd line and the 6th line was 48cm. What was the distance between the 1st line and the 10th line?



Ans : _____

4. Meili is 15 years old. 4 years ago, her aunt was 3 times ~~older~~ as old as her. How old is her aunt now?

Ans : _____

5. Mrs Tan baked some cupcakes. Her children ate $\frac{2}{7}$ of them.

She gave 34 cupcakes to her friends and had 11 cupcakes left.
How many cupcakes did she bake?

Ans : _____

6. John wants to tile a room which has a perimeter of 64m. The length of the room is thrice its breadth. It costs $40 to tile up each square metre.

a) What is the length of the room?

b) How much does it cost to tile up the entire room?

Ans : a) _____

b) _____

7. There were 4 times as many boys as girls in the school hall. After 330 boys and 30 girls left the hall, there was an equal number of boys and girls in the hall. How many pupils were in the hall at first?

Ans : _____

8. There are some marbles in a bag. $\frac{2}{5}$ of the marbles are blue, $\frac{1}{2}$ of them are yellow and the rest are red. There are 24 more yellow marbles than red marbles. How many marbles are there in the bag altogether?

Ans : _____

9. Tim has 15 notes in his wallet. They consist of $2, $5 and $10 notes. There are 3 $5-notes. The total value of the notes is $71. How many $2 notes does Tim have?

Ans : _____

10. Miss Ong has a bag of sweets for her pupils. When she gives 6 sweets to each of her pupils, she will have 2 sweets left. When she gives 7 sweets to each of her pupils, she will be short of 5 sweets.

(a) How many pupils does Miss Ong have?

(b) How many sweets are there in the bag?

Ans : a) _____

b) _____

End-of- Paper

EXAM PAPER 2017 (P4)

SCHOOL : TAO NAN

SUBJECT : MATHEMATICS

TERM : SA1

ORDER CALL :

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

11)Ninety-one thousand and forty-three.

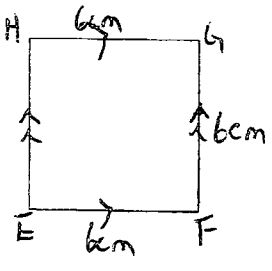
12)8900

13)

14) ¼ 15)4 16)10/8 , 2½ , 11/4 17)238 18)144cm2

19)a)85 b)$1.50 20)16 21)40° 22)7s/6 23)30cm

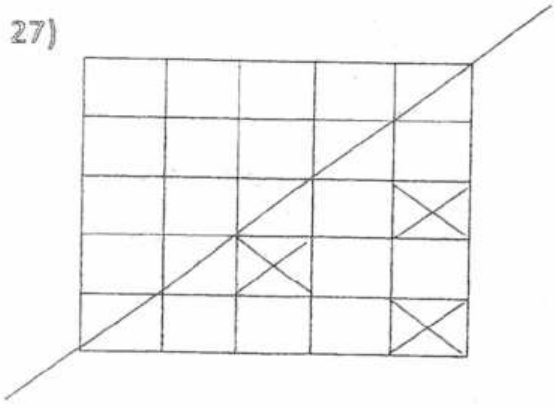
24)South-west 25)



26)22 + 12 = 34

34 x 2 = 68cm

27)



28)5850 m2 29)55° 30)F and Z

Paper 2

1)1650 – 850 = 800

800 + 100 = 900

900 + 800 + 850 = 2550

The three classes made 2550 postcards.

2)640 ÷ 5 = 128

128 x 6 = $768

She spent $768 altogether.

3)6 – 2 = 4

48 ÷ 4 = 12

10 – 1 = 9

9 x 12 = 108

The distance is 108cm

4)15 − 4 = 11

11 x 3 = 33

33 + 4 = 37

Her aunt is 37 years old.

5)34 + 11 = 45

45 ÷ 5 = 9

9 x 7 = 63

She baked 63 cupcakes.

6)3 + 1 = 4

4 x 2 = 8

64 ÷ 8 = 8

8 x 3 = 24m

8 x 24 = 192

192 x 40 = 7680

a)The length of the room is 24m

b)It cost $7680

7)330 − 30 = 300

300 ÷ 3 = 100

100 x 5 = 500

500 pupils were in the hall at first.

8)24 ÷ 2 = 12

12 x 5 = 60

There are 60 marbles in the bag altogether.

9)5 x 3 = 15

71 – 15 = 56

15 – 3 = 12

Assume all are $2 note→$2 x 12 = $24

56 – 24 = 32

10 – 2 = 8

32 ÷ 8 = 4

12 – 4 = 8

Tim has 8 $2 notes.

10)a)7

b)44

Word Problem Worksheet

& Solutions

Nanyang Paper

P4 Mathematics SA1 2017

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

39. Matthew has $\frac{5}{9}$ as much money as Nancy. Nancy has thrice that of Pearlyn. Matthew has $268 more than Pearlyn. How much do they have altogether?

Ans: _____

---

40. Sandra spent $\frac{2}{7}$ of her money on a television set. She spent the rest of her money on a refrigerator that cost $2348 and an oven that cost $152. How much more money did she pay for the television set than the oven?

Ans: _____

---

41. A box contains some red, blue and white marbles.
There is a total of 65 red marbles and blue marbles.
There is a total of 35 red marbles and white marbles.
The number of blue marbles is thrice the number of white marbles.
What fraction of the marbles is red?
Express your answer in its simplest form.

Ans: _____

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42. Jane and Kathy had the same number of stickers at first. After Jane gave away 220 stickers and Kathy lost 12 stickers, Kathy had 3 times as many stickers as Jane. How many stickers did they have altogether at first?

Ans: _____

---

43. A florist had 300 more tulips than roses at first. She then ordered another 50 tulips and 70 roses. In the end, she had 3260 tulips and roses in all. How many roses did she have at first?

Ans: _____

Answer Key

Subject: Primary 4 Maths – Word Problems
Paper: SA1 2017

39. $2278

40. $848

41. $\frac{1}{4}$

42. 648 stickers

43. 1420

39. Matthew has $\frac{5}{9}$ as much money as Nancy. Nancy has thrice that of Pearlyn. Matthew has $268 more than Pearlyn. How much do they have altogether?

Let amount Nancy has = 9u
Amount Matthew has → 5u
Amount Nancy has → 9u
Amount Pearlyn has → 3u

Matthew's amount minus Pearlyn's = $268
5u – 3u = 2u = 268
u = $134

Total amount = 5u + 9u + 3u = 17u = 17 x 134 = $2278

Ans: $2278

---

40. Sandra spent $\frac{2}{7}$ of her money on a television set. She spent the rest of her money on a refrigerator that cost $2348 and an oven that cost $152. How much more money did she pay for the television set than the oven?

Let cost of television set = 2u
Cost of refrigerator and oven → $\frac{5}{7}$ → 5u
5u = 2348 + 152 = 2500
u = 500
Cost of television = 2u = 2 x 500 = $1000
Television set minus oven cost = 1000 – 152 = $848

Ans: $848

---

41. A box contains some red, blue and white marbles.
There is a total of 65 red marbles and blue marbles.
There is a total of 35 red marbles and white marbles.
The number of blue marbles is thrice the number of white marbles.
What fraction of the marbles is red?
Express your answer in its simplest form.

Difference between blue and white marbles = 65 – 35 = 30
Let u = number of white marbles, 3u = number of blue marbles
3u – u = 30
2u = 30
u = 15 = white marbles

Number of red marbles = 35 – 15 = 20
Total number of marbles = 65 + 15 = 80
Fraction of red marbles = 20 ÷ 80 = $\frac{1}{4}$

Ans: $\frac{1}{4}$

---

42. Jane and Kathy had the same number of stickers at first. After Jane gave away 220 stickers and Kathy lost 12 stickers, Kathy had 3 times as many stickers as Jane. How many stickers did they have altogether at first?

Let u = number of Jane's stickers at first

u – 12 = 3 x (u – 220)

3u - u = 660 – 12

2u = 648

u = 324

At first they altogether had 2u stickers = 2 x 324 = 648 stickers

Ans: 648 stickers

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43. A florist had 300 more tulips than roses at first. She then ordered another 50 tulips and 70 roses. In the end, she had 3260 tulips and roses in all. How many roses did she have at first?

At first, number of tulips and roses = 3260 – 50 – 70 = 3140

At first, the number of roses = (3140 – 300) ÷ 2 = 1420

Ans: 1420