2018

P4 Math

1.	Anglo Chinese School (Junior)	SA1
2.	Catholic High	SA1
3.	CHIJ St Nicholas Girls'	SA1
4.	Maris Stella High	SA1
5.	Methodist Girls'	SA1
6.	Nan Hua Primary	SA1
7.	Nanyang Primary	SA1
8.	Raffles Girls'	SA1
9.	Singapore Chinese Girls'	SA1
10.	Tao Nan School	SA1
11.	Anglo Chinese School (Junior)	SA2
12.	Catholic High	SA2
13.	CHIJ St Nicholas Girls'	SA2
14.	Henry Park Primary	SA2
15.	Maris Stella High	SA2
16.	Methodist Girls'	SA2
17.	Nan Hua Primary	SA2
18.	Nanyang Primary	SA2
19.	Raffles Girls'	SA2
20.	Rosyth School	SA2
21.	Singapore Chinese Girls'	SA2
22.	Tao Nan School	SA2

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2018)

PRIMARY 4

MATHEMATICS

Booklet A

Wednesday **9 May 2018** **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 9 printed pages (inclusive of cover page).

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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. 18 thousands and 26 tens is the same as _____.

   1) 18 26
   2) 18 026
   3) 18 206
   4) 18 260

2. Which number is 100 more than 8825?

   1) 8835
   2) 8900
   3) 8925
   4) 9825

3. Express 140 minutes in hours and minutes.

   1) 1 h 20 min
   2) 1 h 40 min
   3) 2 h 20 min
   4) 2 h 40 min

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

24 126 , 34 226 , 44 326 , _____ , 64 526

1) 44 426
2) 45 426
3) 54 326
4) 54 426

5. Which of the following when rounded to the nearest hundred is 60 000?

1) 59 499
2) 59 999
3) 60 599
4) 60 999

6. Which of the following are common factors of 28 and 42?

1) 1 and 4
2) 2 and 21
3) 6 and 28
4) 7 and 14

7. After using 960 g of butter to bake a cake, Mrs Lim had 2065 g of butter left. How much butter did she have at first?

1) 1225 g
2) 3025 g
3) 3250 g
4) 3610 g

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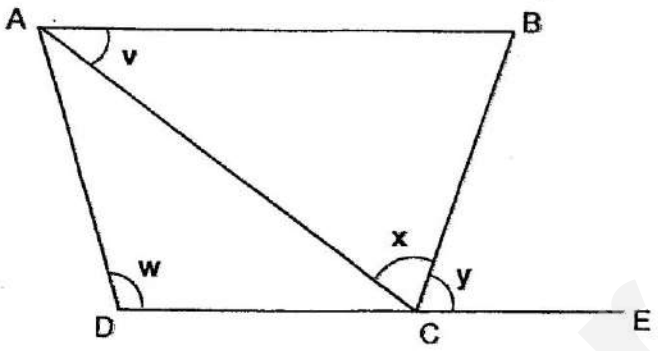
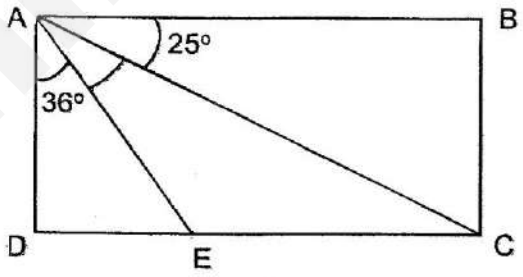
8. Look at the diagram. Which one of the marked angles has been correctly named?



1) $\angle v = \angle BAD$
2) $\angle x = \angle ACB$
3) $\angle w = \angle ADB$
4) $\angle y = \angle BCD$

9. The figure below is not drawn to scale. ABCD is a rectangle. Find the value of $\angle EAC$.



1) 27°
2) 29°
3) 36°
4) 65°

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10. What is the quotient when 6459 is divided by 8?

1) 86
2) 87
3) 806
4) 807

11. Which of the following sets of fractions is arranged in an increasing order?

1) $\frac{1}{2}$, $\frac{4}{5}$, $\frac{7}{10}$

2) $\frac{1}{2}$, $\frac{7}{10}$, $\frac{4}{5}$

3) $\frac{7}{10}$, $\frac{4}{5}$, $\frac{1}{2}$

4) $\frac{4}{5}$, $\frac{7}{10}$, $\frac{1}{2}$

12. Habib is facing south-west at first. In which direction will he face when he turns 225° anti-clockwise?

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

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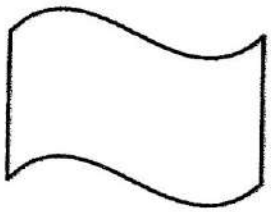
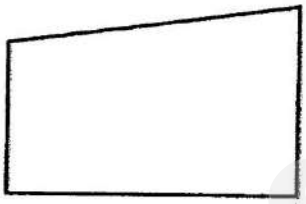
13. Which of the following figures below is a symmetric figure?

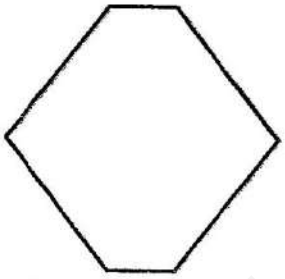
1)



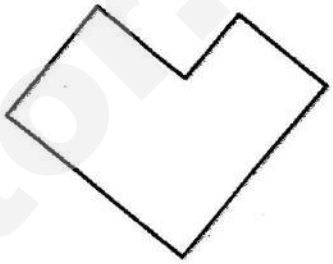
2)



3)



4)



14. At 7.45 p.m., James ate his dinner for 30 minutes. He then watched a movie for 1 hour 20 minutes before going to bed. At what time did he go to bed?

1) 9.15 p.m.
2) 9.20 p.m.
3) 9.30 p.m.
4) 9.35 p.m.

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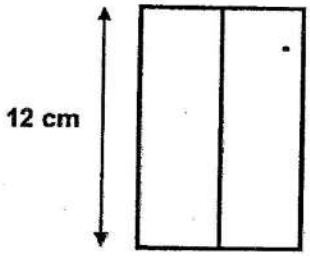
15. I am a multiple of 6. When 8 is added to me, I am a multiple of 4.
What number am I?

1) 18
2) 24
3) 30
4) 42

16. $38 \times 14 = \square \div 7$
What is the missing number in the box?

1) 76
2) 532
3) 1330
4) 3724

17. The figure below is made up of 2 similar rectangles. The longer side of each rectangle is 3 times that of the shorter side. Find the area of the figure.



1) 36 cm^2
2) 48 cm^2
3) 96 cm^2
4) 144 cm^2

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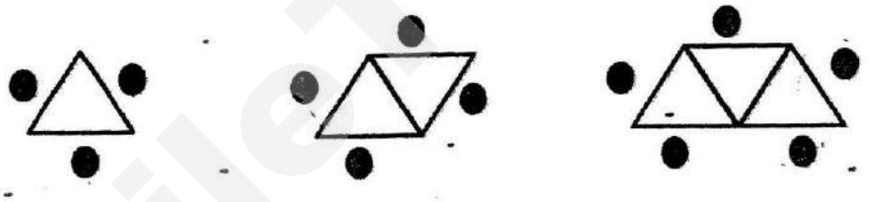
18. Mrs Wee bought 1980 sweets for a carnival. She gave away 375 sweets and packed the remaining sweets equally into bags of 5 to sell at the carnival. How many bags of sweets did she pack?

1) 321
2) 323
3) 396
4) 471

19. A triangular table in a library can seat 3 pupils. When arranged together, the tables can seat the following number of pupils.



How many tables can be arranged together in order to seat 10 pupils?

1) 7
2) 8
3) 9
4) 10

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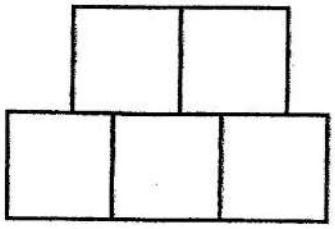
20. The figure below is made up of 5 identical squares.



The side of each square is 6 cm, what is the perimeter of the figure?

1) 36 cm
2) 54 cm
3) 60 cm
4) 144 cm

End of Booklet A

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2018)

PRIMARY 4

MATHEMATICS

Booklet B

Wednesday **9 May 2018** **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 14 printed pages (inclusive of cover page).

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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. Write the following in figures.

Thirty thousand and fourteen

22. Find the product of 359 and 16.

23. List all the factors of 45.

Sub-Total :

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24. Look at the product of two numbers below.

What digit does ☐ represent?

$$\begin{array}{r} 31\square 7 \\ \times \quad \square \\ \hline 15785 \\ \hline \end{array}$$

25. A number when rounded off to the nearest ten is 3030.
What is the largest possible number?

26. James and Carrie ate $\frac{5}{8}$ of a pie. James ate $\frac{1}{4}$ of the pie. What fraction of the pie did Carrie eat?

Sub-Total :

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27. When Ahmad divides a number by 8, it gives a quotient of 1276 and a remainder of 5. What is the number?

28. Mrs Tan changed a $2 note for 10 coins. All the coins have the same value. What was the value of each coin in cents?

29. Use all the digits below to form the greatest five-digit odd number with the digit 3 in the thousands place.

3	4	8	7	9

Sub-Total :

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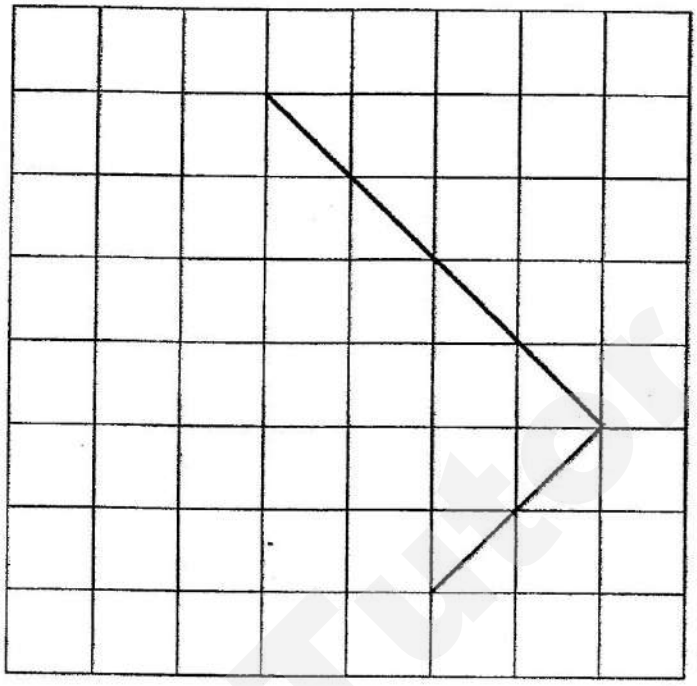
30. Draw a rectangle from the given lines.



31. When a number is divided by 3, the remainder is 2. When the same number is divided by 4, the remainder is 3. What is the smallest possible number?

Sub-Total :

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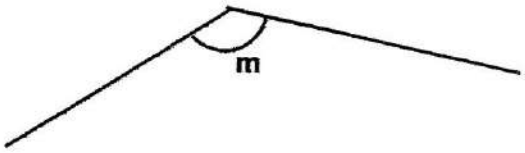
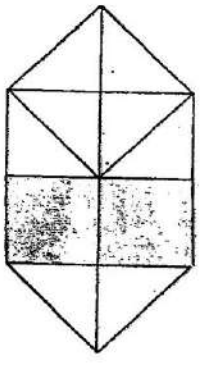
32. Use a protractor to measure ∠m.



o

33. The difference between two numbers is 492. The bigger number is three times the smaller number. What is the sum of these two numbers?

34. The figure is made up of 12 similar triangles.
How many **more** triangles must be shaded so that $\frac{2}{3}$ of the figure is shaded?



Sub-Total :

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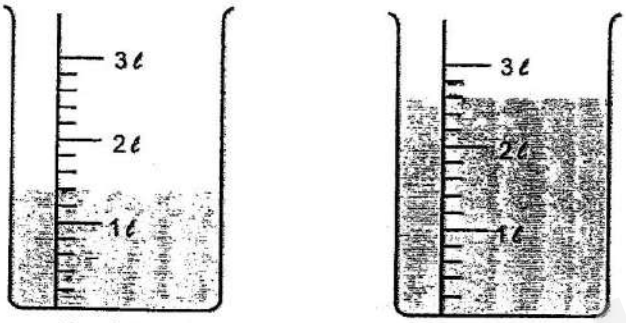
35. Beakers A and B were filled with different volume of water as shown in the diagram below.

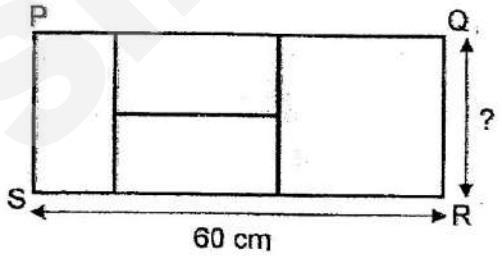


Beaker A **Beaker B**

Samy poured some water from Beaker B into Beaker A until the two beakers had an equal amount of water. How much water did he pour from Beaker B into Beaker A?
(Give your answer in ml)

ml

36. Rectangle PQRS is made up of 3 identical rectangles and a square as shown below. Find the length of QR.



cm

Sub-Total :

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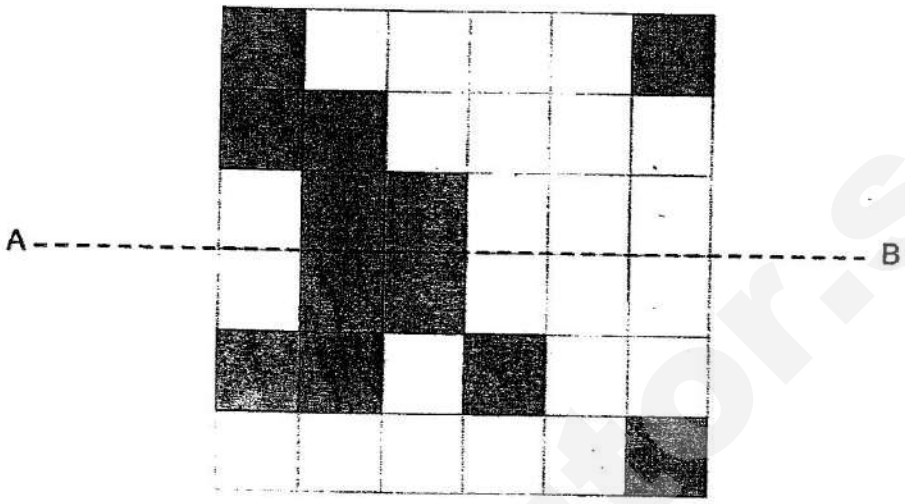
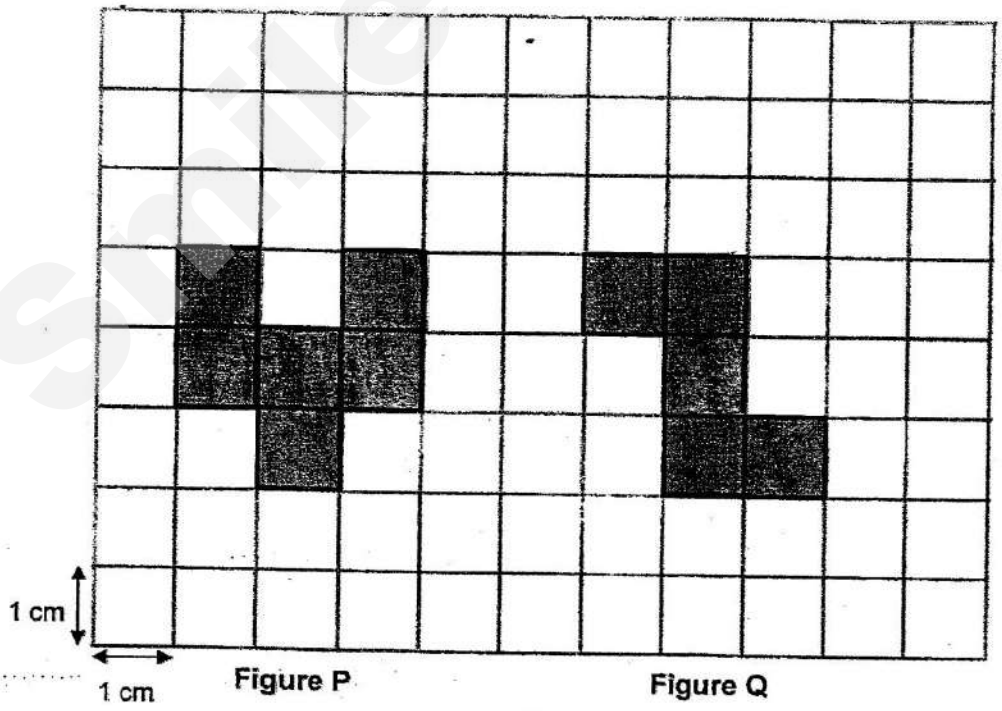
37. The dotted line is a line of symmetry. Shade **2** more rectangles to make a symmetric figure.



38. Shade **one** square to Figure Q so that the new Figure Q has the same area and perimeter as Figure P.



Sub-Total :

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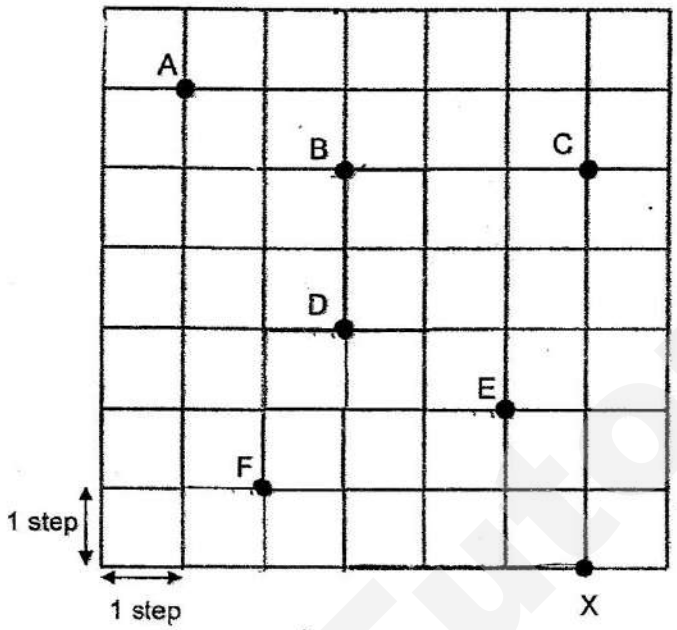
Refer to the square grid below and answer **Questions 39 and 40.**



39. Fill in the blanks with **A**, **B**, **C**, **D**, **E** or **F**.

Position (a)_____ is north-west of Position (b)_____.

a) Position _____

b) Position _____

40. Hanson was at a certain position. He walked 2 steps due south, 1 step due west, 3 steps due south and then 4 steps due east. He ended at Position X. What was his starting position?

Position _____

Sub-Total :

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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. Dave had some marbles. He gave his friend 145 marbles and bought another 102 marbles. He then put the remaining marbles into 2 boxes equally. There were 240 marbles in the each box. How many marbles did Dave have at first?

Ans: _____ [4]

Sub-Total : ☐

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42. 128 students and some teachers went for an excursion. The school paid $449 for their packed lunches. Each teacher's packed lunch cost $5. Each student's packed lunch cost $3. How many teachers were there at the excursion?

Ans: _____ [4]

Sub-Total :

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43. Mr Lee bought 2 watches and 5 shirts for $576. A watch cost $120 more than a shirt. How much did he pay for one shirt?

Ans: _____ [4]

Sub-Total :

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44. A baker had 30 boxes of cupcakes. There were 54 cupcakes in each box. He sold all the cupcakes at 5 for $14. How much money did he receive?

Ans: _____ [4]

Sub-Total :

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45. William had $60 more than Daniel. After Daniel had spent $32, William had 3 times as much money as Daniel. How much money did Daniel have at first?

Ans: _____ [4]

End of Booklet B

Sub-Total :

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : ANGLO-CHINESE SCHOOL (JUNIOR)
SUBJECT : MATHEMATICS
TERM : SA1

SECTION A

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

SECTION B

Q21-Q30

Q21. 30014

Q22. 5744

Q23. 1 , 3, 5, 9, 14, and 45.

Q24. 5

Q25. 3034

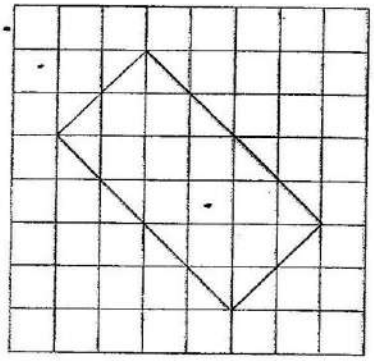
Q26. $\frac{3}{8}$

Q27. 10213

Q28. 20

Q29. 93847

Q30.



Q31-Q-040

Q31. 11

Q32. 135

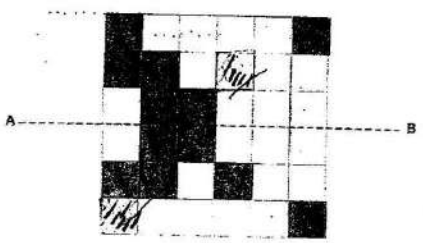
Q33. 984

Q34. 4

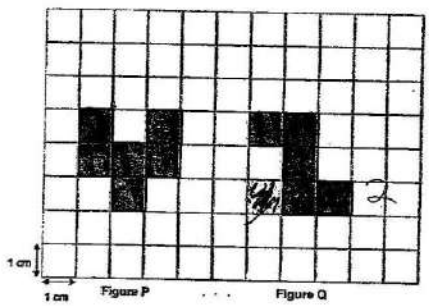
Q35. 600

Q36. 24

Q37.



Q38.



Q39. a) A b) E

Q40. B

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SECTION C

Q41. $240 \times 2 = 480$
$480 - 102 = 378$
$378 + 145 = 523$
Ans: ***523 marble***

Q42. $128 \times 3 = 384$
$449 - 384 = 65$
$65 \div 5 = 13$
Ans: ***13 teachers***

Q43. $120 \times 2 = 240$
$576 - 240 = 338$
$336 \div 7 = 48$
Ans: ***$48***

Q44. $54 \times 30 = 1620$
$1620 \div 5 = 324$
$324 \times 14 = 4536$
Ans: ***$4526***

Q45. $60 + 32 = 92$
$92 \div 2 = 46$
$46 + 32 = 78$
Ans: ***$78***

END

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CATHOLIC HIGH SCHOOL

SEMESTRAL ASSESSMENT ONE (2018)

PRIMARY FOUR

MATHEMATICS

Name : _____ ( )

Class: Primary 4 _____

Date: 9 May 2018

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 22 printed pages excluding the cover page.

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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 oval (1, 2, 3 or 4) on the Optical Answer Sheet. All diagrams are not drawn to scale. (40 marks)

---

1. What is the value of the digit 8 in 68 302?

   (1) 80
   (2) 800
   (3) 8000
   (4) 80 000 ( )

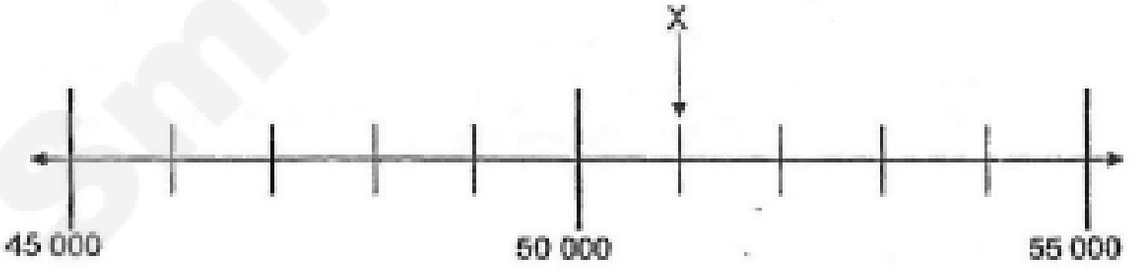
---

2. Which of the following numbers when rounded to the nearest hundred becomes 24 100?

   (1) 24 149
   (2) 24 150
   (3) 24 195
   (4) 25 099 ( )

---

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



   (1) 45 600
   (2) 46 000
   (3) 50 100
   (4) 51 000 ( )

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(2) 2448

(3) 2508

(4) 2648

(

5. What is the remainder when 3223 is divided by 9?

(1) 1

(2) 2

(3) 3

(4) 4

(

6. A fruit seller had 16 cartons of oranges. He had 30 oranges in each
He repacked the oranges into boxes of 8. How many boxes would

(1) 15

(2) 46

(3) 60

(4) 80

(

7. Mr Chua had 43 boxes of 10 muffins. He added 4 more muffins into
box. How many muffins will he have in the end?

(1) 410

(2) 433

(3) 592

(4) 602

(

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8. $\frac{1}{2}$ of a complete turn is _____ °

(1) 45°

(2) 90°

(3) 180°

(4) 270° ( )

---

9. Which one of the following is a factor of both 14 and 63?

(1) 7

(2) 2

(3) 8

(4) 9 ( )

---

10. At a carnival, every 6th child receives an ice-cream and every 8th child gets a popcorn. Which one of the following children will be the first to get both an ice cream and a popcorn?

(1) 14th

(2) 24th

(3) 30th

(4) 48th ( )

---

11. James had some egg tarts. He packed 8 egg tarts into each box. After packing, he had 15 boxes of egg tarts and had 6 egg tarts left. How many egg tarts did he have at first?

(1) 90

(2) 98

(3) 120

(4) 126 ( )

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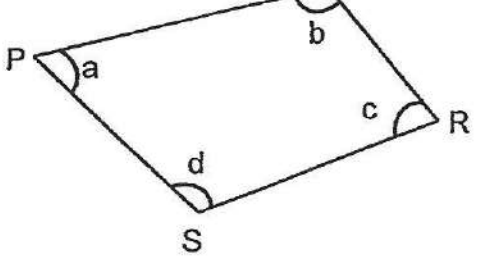

(1) ∠PQR

(2) ∠QRS

(3) ∠RSP

(4) ∠SPQ (

---

13. Susan and Eliza had $846 altogether. Susan had twice as much as
How much did Eliza have?

(1) $141

(2) $282

(3) $423

(4) $564 (

---

14. A toy gun costs 3 times as much as a teddy bear. The teddy bear c
$45. How much do 2 teddy bears and 1 toy gun cost?

(1) $90

(2) $135

(3) $180

(4) $225 (

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15. Kevin saves $5 every day to buy a computer console that costs $337. What is the least number of days that Kevin needs to save so that he could buy the computer console?

(1) 60

(2) 67

(3) 68

(4) 70 ( )

---

16. The sum of two numbers is 1308. The difference of the two numbers is 246. What is the value of the smaller number?

(1) 531

(2) 777

(3) 1062

(4) 1554 ( )

---

17. 1 television and 2 similar printers cost $2400. The cost of the television is the same as the total cost of the 2 printers. How much does each printer cost?

(1) $600

(2) $800

(3) $1200

(4) $1600 ( )

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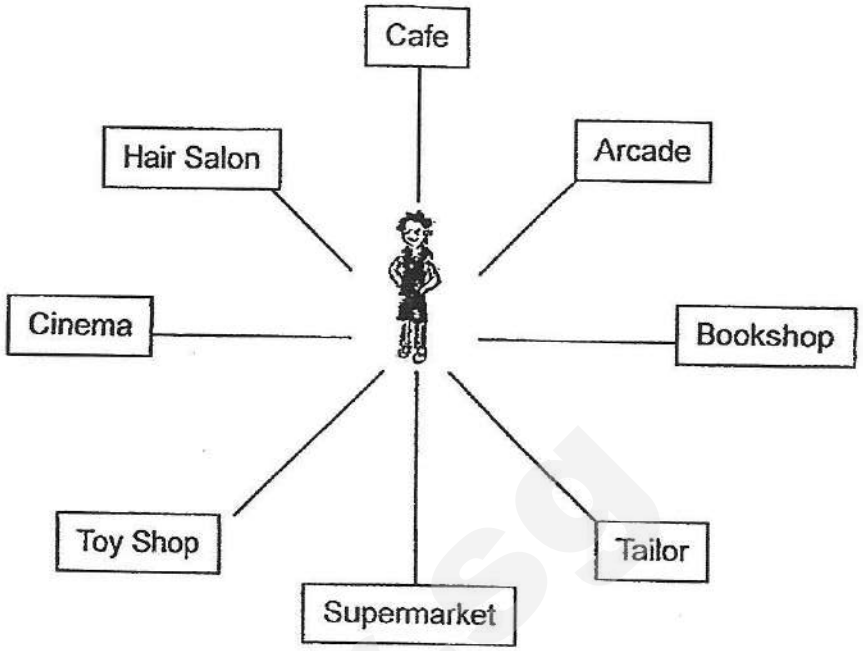
clockwise direction. What will he be facing?



(1) Cafe

(2) Arcade

(3) Bookshop

(4) Hair Salon

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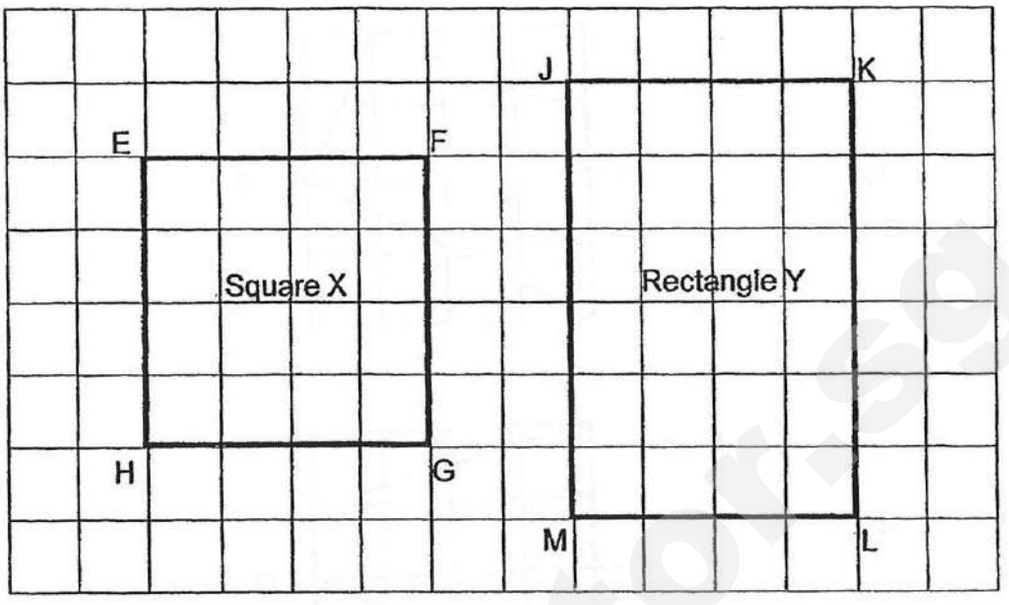
19. Square X and rectangle Y are shown in the square grid below.



Which of the following statement(s) is/are true?

Statement A: JK and HG have the same length.

Statement B: EF is parallel to KL.

Statement C: $\angle EHG$ is equal to $\angle KJM$.

(1) A only

(2) A and C only

(3) B and C only

(4) A, B and C ( )

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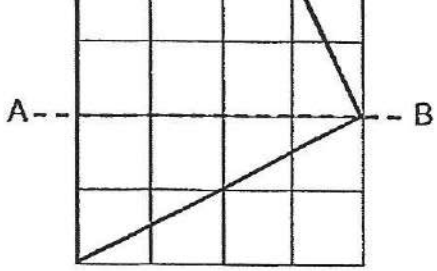
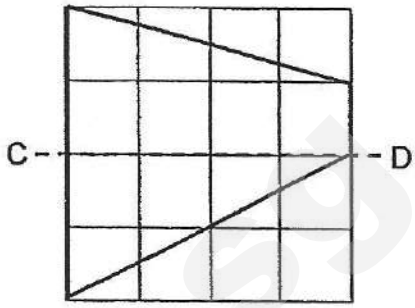
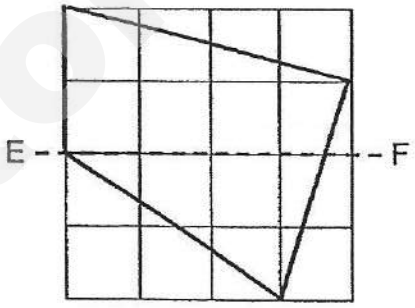
(1)



(2)



(3)



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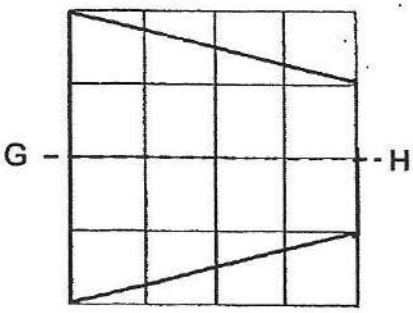

END OF SECTION A

(Go on to the n

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Section B

Questions **21** to **40** carry 2 marks each. Show your working clearly 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. (40 marks)

Do not write in this space

21. 500 less than 90 000 is _____.

Ans: _____

22. Arrange the numbers in decreasing order.

73 926, 73 692, 73 962

Ans: _____, _____, _____

23. Complete the number pattern.

18 359, 19 459, _____, 21 659, 22 759, 23 859

Ans: _____

(Go on to the next page)

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Ans: _____

25. The number of marbles Claire has is 280 when rounded to the neares ten. What is the smallest possible number of marbles Claire can have before it was rounded to the nearest ten?

Ans: _____

26. The factors of 56 are 1, 2, 7, 8, 14 and 56. Two factors are missing from the list. What are the two missing factors of 56?

Ans: _____ and _____

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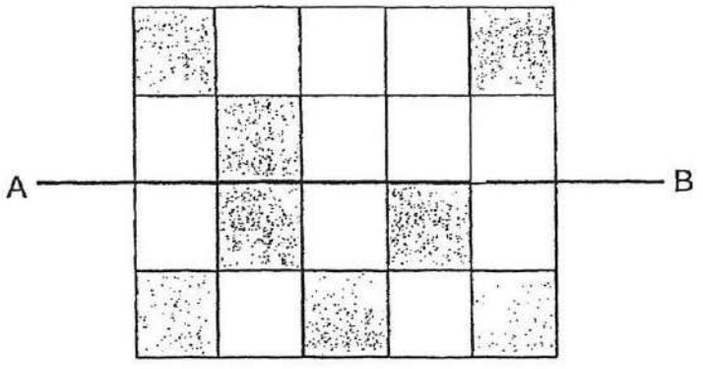
27. The figure below is made up of squares. Line AB is the line of

Do not write in this space



28. What is the number in the blank?

$$\begin{array}{r} 5\,5\,1\ \text{R}4 \\ 9\,\overline{)\,\boxed{\ ?\ }} \end{array}$$

Ans: _____

29. Use the digits 4, 0, 3, 7 to form the largest 4-digit odd number.

Ans: _____

(Go on to the next page)

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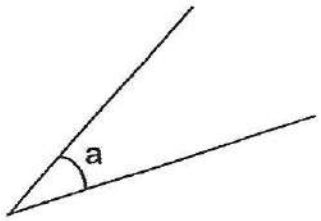
Ans: _____

31. Francis and George had a total of $670. After Francis gave George $150, they had an equal amount of money. How much money did George have at first?

Ans:$ _____

32. Use a protractor to measure ∠a.



Ans: _____

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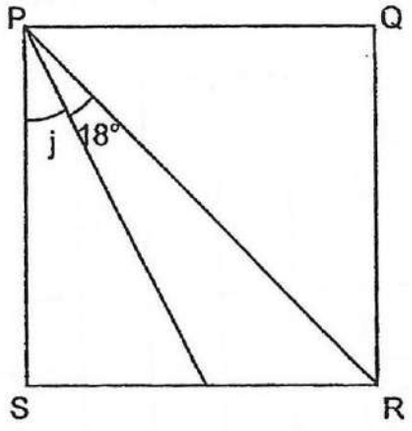
33. PQRS is a square. Find $\angle j$.

Do not write in this space



Ans: _____ °

34. In a school hall, there are 4 rows of seats. Each row has 3 more seats than the row in front of it. There are 20 seats in the second row. How many seats are there in the school hall?

Ans: _____

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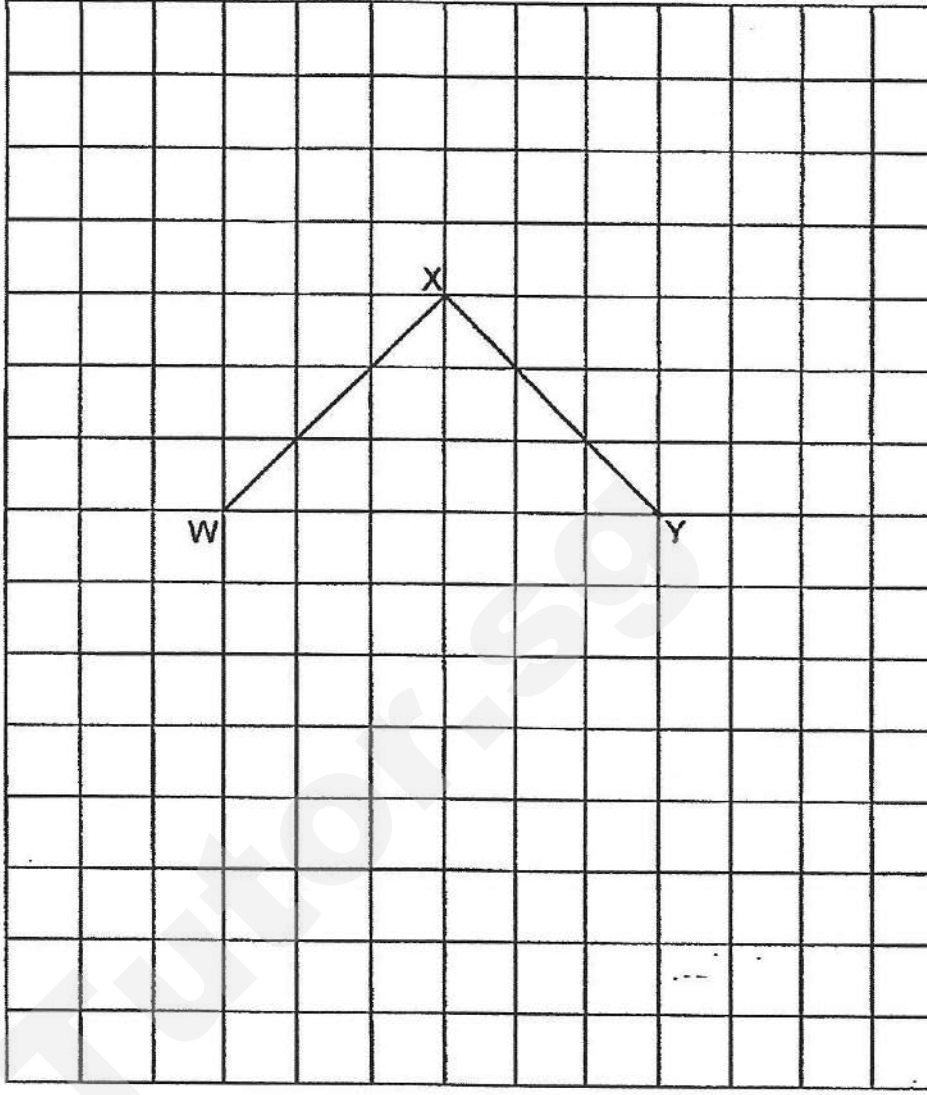

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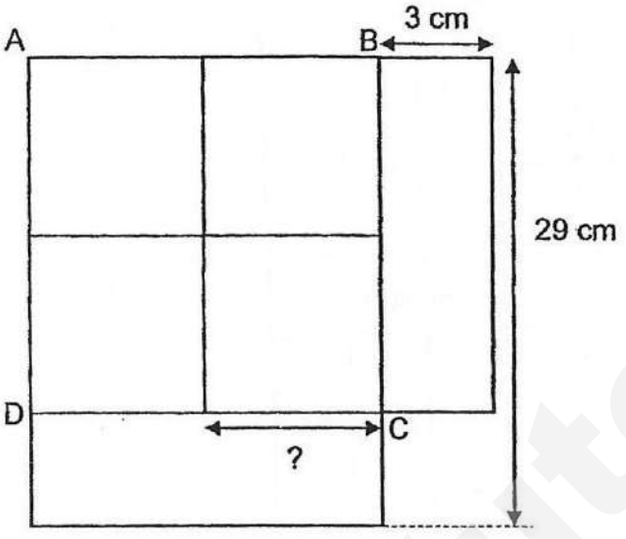
36. ABCD is made up of 4 identical squares. 2 identical shaded rectangles are placed on side BC and DC respectively. What is the length of each square?

Do not write in this space



Ans: _____ cm

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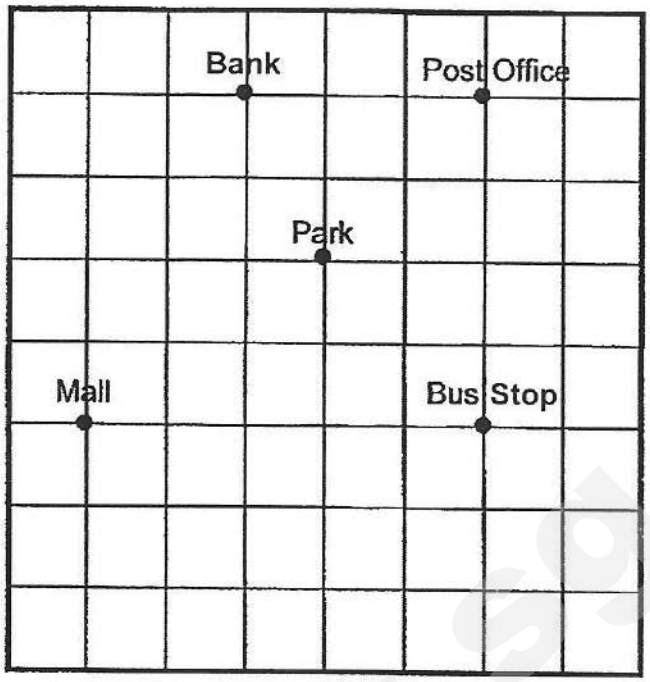

37. The town council wants to build a bridge. The location of the bridge is south of the bank and west of the bus stop. Put a cross (X) on the square grid where the bridge will be built.

38. In what direction is the park from the bus stop?

Ans: _____

(Go on to the next

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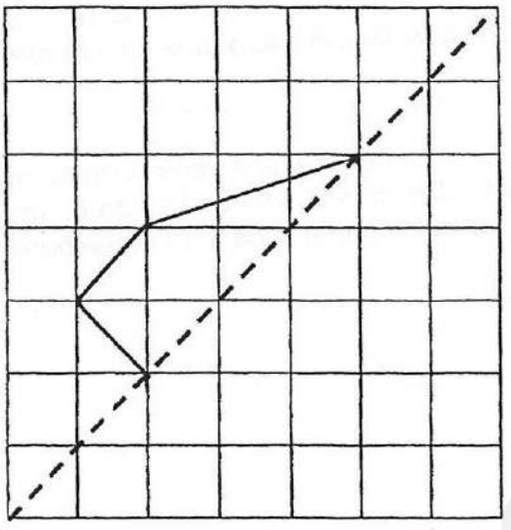
39. The dotted line in the figure is a line of symmetry.
Complete the symmetric figure.

Do not write in this space



40. Andy and Betty have a total of 100 badges. Andy and Callie have a total of 130 badges.

Based on the information given above, put a tick in the correct column for the statement.

Statement	True	False	Not possible to tell
Callie has more badges than Betty.			

Total marks for questions 21 to 40

40

END OF SECTION B

(Go on to the next page)

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the end of each question or part-question. All diagrams are not drawn to sca

(20 ma

41. Doris has 6 boxes of red paper clips and 4 bags of green paper clips
There are 185 red paper clips in each box and 40 green paper clips
each bag. How many more red paper clips than green paper clips ar
there?

Ans: _____

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42. Rachel paid $185 for 5 similar plates and 4 similar bowls. Each bowl cost $8 more than each plate. How much did 1 such bowl cost?

Do not write in this space

Ans:_____ [4]

(Go on to the next page)

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Ans: _____

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44. There was an equal number of ping pong balls in Box A and Box B at first. After 47 ping pong balls were removed from Box B and 47 ping pong balls were added in Box A, there were 236 ping pong balls in the two boxes altogether. How many ping pong balls were in Box A in the end?

Do not write in this space

Ans: _____ [4]

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Ans: _____

END OF PAPER

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SCHOOL : CATHOLIC HIGHPRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2018 ~~CA1~~ SA1

PAPER 1 BOOKLET A

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

Q 11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	1	2	4	3	1	1	3	2	4

SECTION B

Q21) 89500

Q22) 73962 , 73926 , 73692

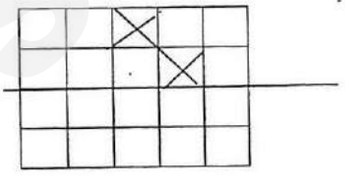
Q23) 20559

Q24) 6000

Q25) 275

Q26) 28 and 4

Q27)



Q28) 4963

Q29) 7403

Q30) 59 + 59 + 208 = 326
326 + 59 = 385

Q31) 670 ÷ 2 = 335
335 – 150 = 185

Q32) 29°

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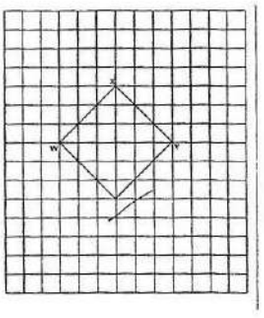
Q33) 45 + 18 = 63
90 – 63 = 27°

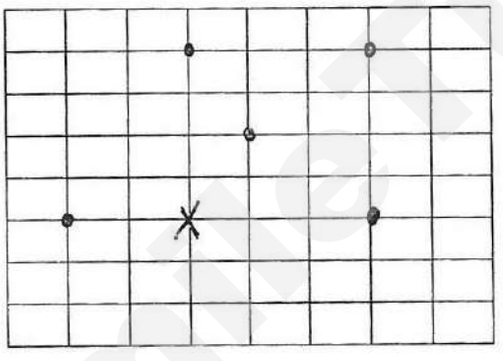
Q34) 20 – 3 = 17
17 x 4 = 68
3 x 6 = 18
68 + 18 = 86

Q35)



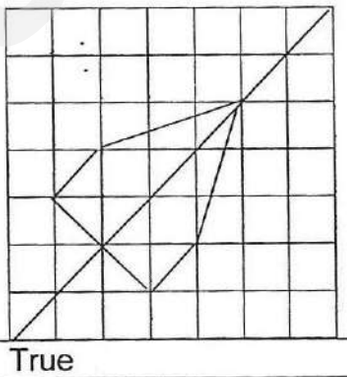
Q36) 29 – 3 = 26
26 ÷ 2 = 13 cm

Q37)



Q38) North-west

Q39)



Q40) True

SECTION C

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Q41)	185 x 6 = 1110 40 x 4 – 160 1110 – 160 = 950 There are 950 more paper clips
Q42)	8 x 4 = 32 185 – 32 = 153 153 ÷ 9 = 17 17 + 8 = 25 1 such bowl cost $25
Q43)	76 + 76 = 152 152 + 133 = 285 585 – 285 = 300 300 ÷ 3 = 100 100 + 76 = 176 He had 176 red beads
Q44)	142 ÷ 2 = 71 71 + 47 + 47 = 165 There were 165 ping pong ball in the end
Q45)	5C + 3C = 473 3C + 3C = 339 2C + = 134 1C = 134 ÷ 2 = 67 3C = 67 x 3 = $201 The cost of 3 similar cushions is $201

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Name : _____( )

Class : Primary 4_____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 4 Mathematics

2018 Semestral Assessment One

Booklet A

8 May 2018

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.

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Section A (19 x 2 marks)

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

---

1. In the number 93 418, what is the value of the digit 9?

   (1) 90

   (2) 900

   (3) 9000

   (4) 90 000

2. A factory produced 2756 T-shirts. It sold 1340 T-shirts. How many T-shirts were left?

   (1) 1416

   (2) 1496

   (3) 4016

   (4) 4096

3. What is 100 less than 62 759?

   (1) 61 759

   (2) 62 659

   (3) 62 859

   (4) 63 759

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4. Which one of the following numbers is <u>not</u> a factor of 60?

(1) 8

(2) 2

(3) 3

(4) 4

5. 39 groups of children participated in a school camp. There were 16 children in each group. How many children were there in the school camp altogether?

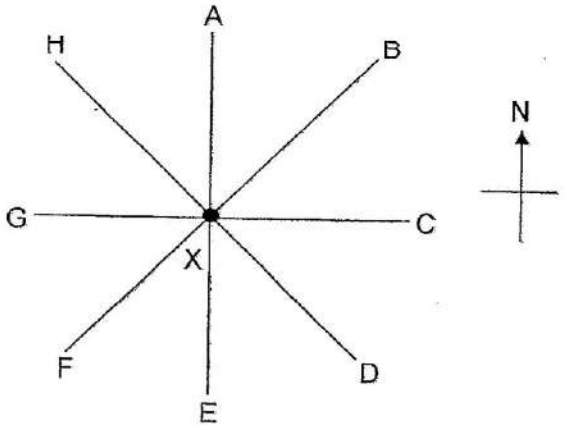
(1) 615

(2) 624

(3) 635

(4) 694

6. What is the direction of letter H from X?



(1) North-east

(2) North-west

(3) South-east

(4) South-west

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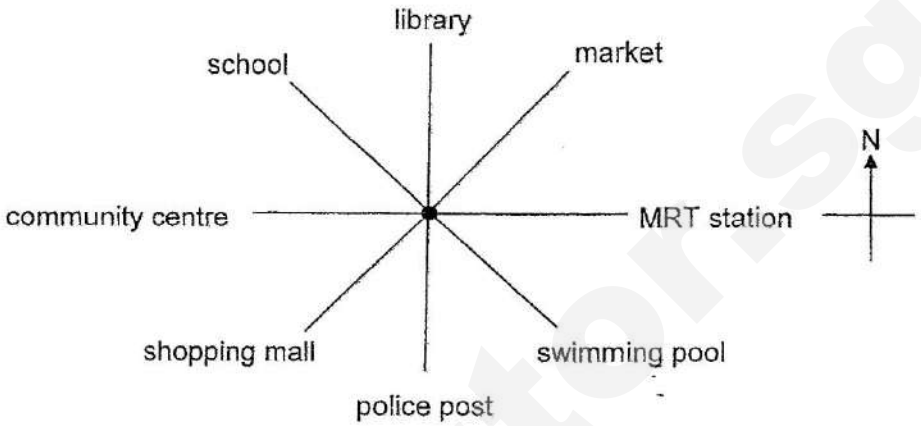
7. After making a $\frac{1}{4}$ - turn in an anti-clockwise direction, Tony is facing the school. Where was Tony facing at first?



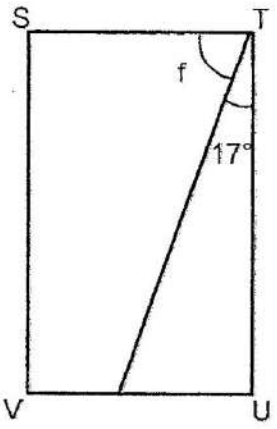
(1) market

(2) library

(3) shopping mall

(4) swimming pool

8. In the figure below, STUV is a rectangle. Find ∠f.



(1) 28°

(2) 43°

(3) 45°

(4) 73°

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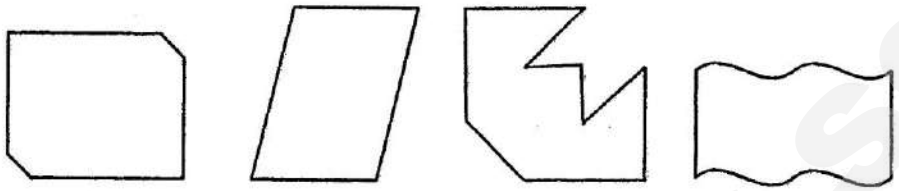
9. Which one of the following figures is symmetric?



(1) A

(2) B

(3) C

(4) D

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

10 371, 10 221 , 10 071, _____ , 9771, 9621, 9471

(1) 9821

(2) 9921

(3) 10 121

(4) 10 221

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11. Bala used triangles and circles to make figures below. The figures form a pattern.

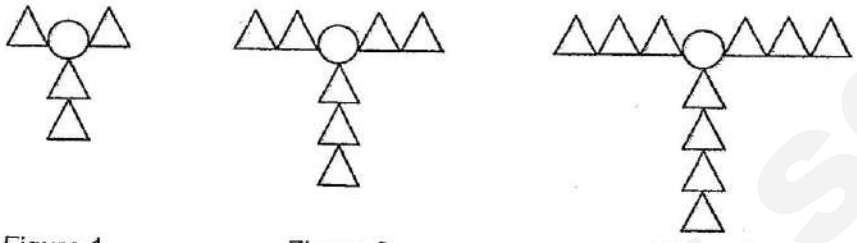


Figure 1 Figure 2 Figure 3

How many triangles did Bala use to make Figure 5?

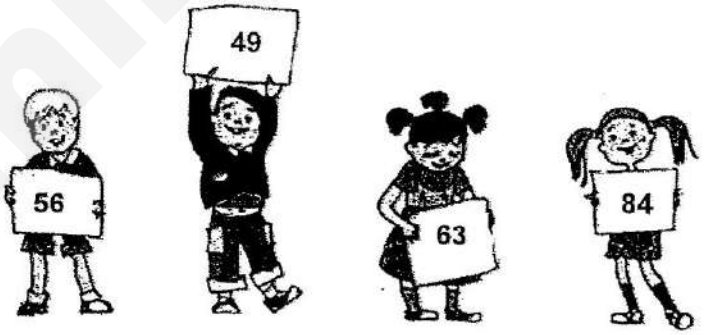
(1) 13

(2) 14

(3) 16

(4) 17

12. Four pupils guessed the number of marbles in a box. The actual number of marbles is an even number. It is a common multiple of 6 and 7. Who guessed the number correctly?



Alex Ben Connie Denise

(1) Alex

(2) Ben

(3) Connie

(4) Denise

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13. Ya Hui wanted to buy 3400 keychains for a charity event. The keychains were sold in packets of 9. What was the least number of packets of keychains Ya Hui had to buy?

(1) 388

(2) 384

(3) 378

(4) 377

14. Mr Thiam bought 6 similar fans to donate to an orphanage. He paid the cashier $1200 and received a change of $48. How much did each fan cost?

(1) $152

(2) $192

(3) $200

(4) $208

15. Jin Han has 182 toy cars and Keith has 94 toy cars. How many toy cars must Jin Han give to Keith so that each of them has the same number of toy cars?

(1) 276

(2) 138

(3) 88

(4) 44

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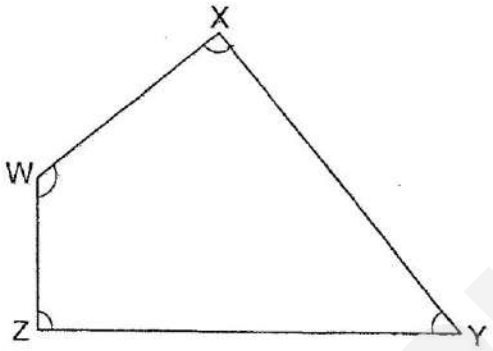
16. In the figure below, which angle is greater than a right angle?



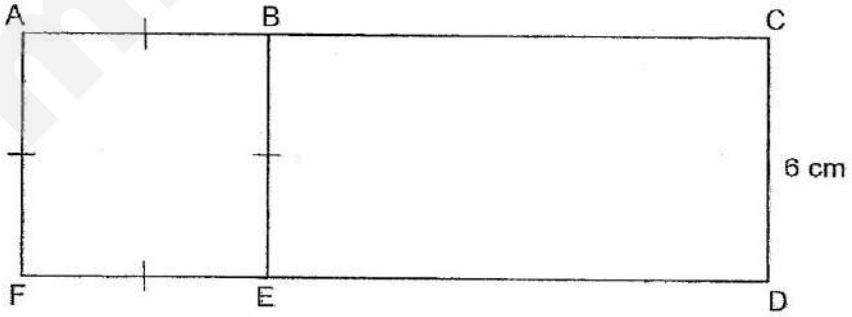
(1) ∠XWZ

(2) ∠XYZ

(3) ∠WXY

(4) ∠WZY

17. The figure below shows a square ABEF and a rectangle BCDE. ED is twice as long as CD. What is the length of AC?



(1) 9 cm

(2) 12 cm

(3) 14 cm

(4) 18 cm

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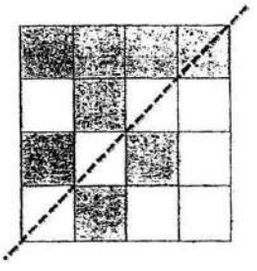
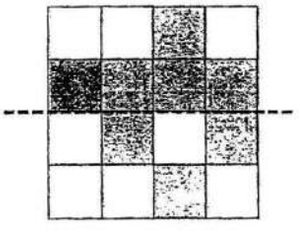
18. In which one of the figures below is the dotted line a line of symmetry?

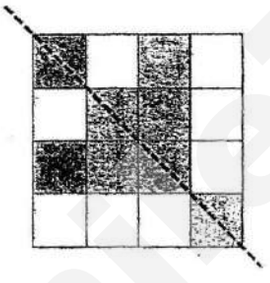
(1)



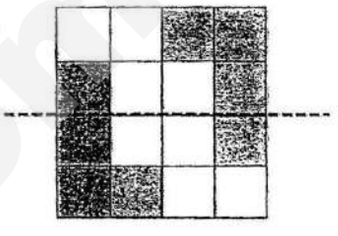
(2)



(3)



(4)



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19. Doris and Sherry had an equal number of stickers at first. After Doris bought 48 more stickers and Sherry used 12 stickers, Doris had 3 times as many stickers as Sherry. How many stickers did each of them have at first?

(1) 42

(2) 32

(3) 30

(4) 27

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END OF BOOKLET A

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Name : _____ ( )

Class : Primary 4 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 4 Mathematics

2018 Semestral Assessment One

Booklet B

8 May 2018

Booklet A :	**/ 38**
Booklet B :	**/ 62**
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.

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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

20. Write fourteen thousand, seven hundred and eighty-nine in numerals.

Ans : _____

21. Arrange the numbers in decreasing order.

63 007, 63 070, 63 708, 63 078

Ans : _____, _____, _____, _____

22. What is the sum of the 8th multiple of 5 and the 9th multiple of 7?

Ans : _____

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23. An iPad costs $859 during a sale. How much would 4 such iPads cost?

Do not write in this space

Ans : $_____

24. What is the product of 800 and 30?

Ans : _____

25. What is the smallest 4-digit number that can be formed using the digits 5, 2, 9 and 0?

Ans : _____

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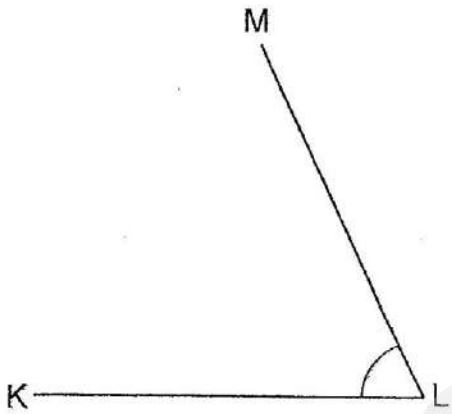
26. Measure and write down the size of $\angle KLM$.

Do not write in this space



Ans : _____ °

27. Ebonne has some money. The amount of money she has is $2400 when rounded to the nearest ten dollars. What is the greatest possible amount of money that Ebonne has?

Ans : $_____

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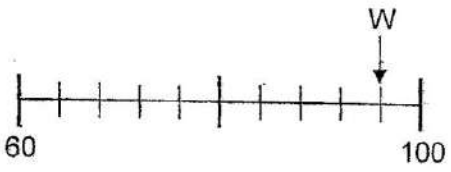
28. Study the number line below. What is the number represented by W?

Do not write in this space



Ans : _____

29. Use the clues below to help Nasri solve a 5-digit secret code to a locker.

- The digit in the thousands place is 7.
- The digit in the tens place is 3 less than the digit in the thousands place.
- The digit in the ones place is twice the digit in the tens place.
- The digit in the hundreds place is the same as the digit in the ones place.
- The digit in the ten thousands place is 5 more than the digit in the tens place.

What is the 5-digit secret code to the locker?

Ans : _____

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Do not write in this space

30. Lola listed the factors of 42 below:

1, 2, 3, 6, 14, 42

She missed out 2 factors. What were the 2 missing factors?

Ans : _____ and _____

31. The mass of 5 similar packets of milk is 3525 g. Find the mass of 2 such packets of milk.

Ans : _____ g

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32. What number when divided by 8 has a quotient of 38 and a remainder of 3?

Do no write in space

Ans : _____

33. Walter had 279 more ice cream sticks than Zack. Zack gave 68 ice cream sticks to Walter. How many more ice cream sticks did Walter have than Zack?

Ans : _____

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34. Pritam and Julian collected 1034 stamps altogether. Julian collected 528 stamps. Pritam then received 26 stamps from his father. How many stamps did Pritam have in the end?

Ans : _____

35. Join the marked end point of the line to one of the dots to form $\angle p = 103°$. Then label the angle.



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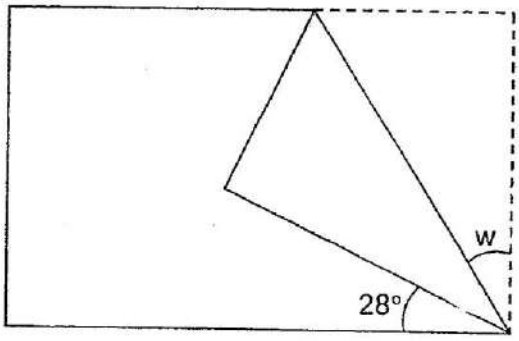
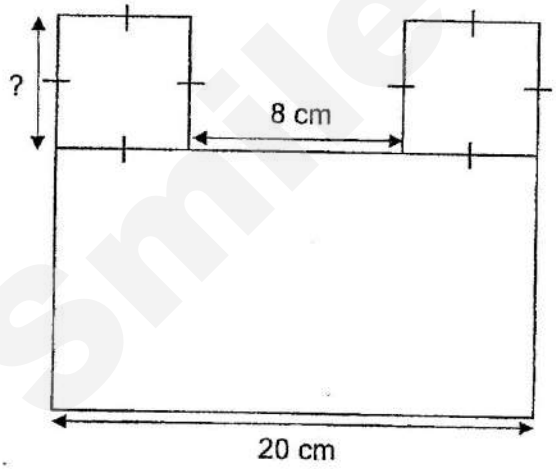
36. A rectangular piece of paper shown below is folded at one of its corners. Find $\angle w$.



Ans : _____°

Do not write in t space

37. Henry drew 2 similar squares and a rectangle on a piece of paper as shown below. Find the unknown length of the square.



Ans : _____cm

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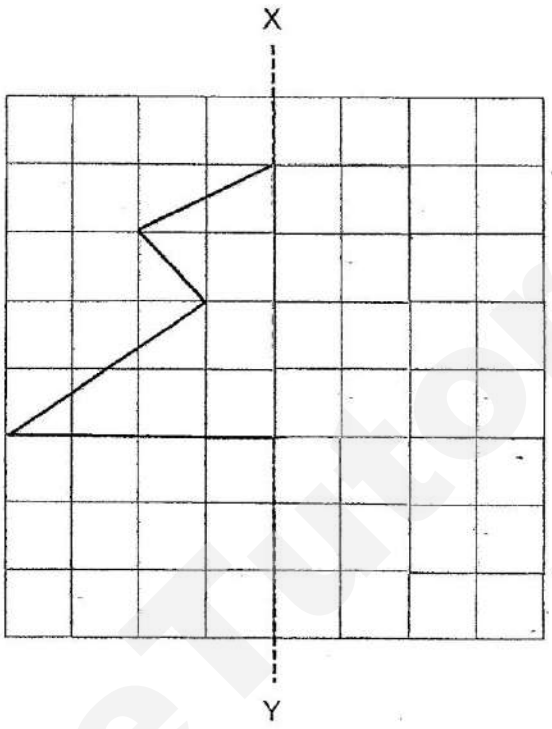
38. Complete the symmetric figure with XY as the line of symmetry.



39. There was a total of 640 boys and girls at the park at first. 268 boys left the park. In the end, there were 3 times as many boys as girls. How many girls were there at the park?

Ans : _____

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Section C (22 marks)

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

40. Five classes made some Christmas cards for a project. One of the classes made 250 Christmas cards. The other classes each made 180 Christmas cards. How many Christmas cards were made by the five classes altogether?

Ans : _____ [3]

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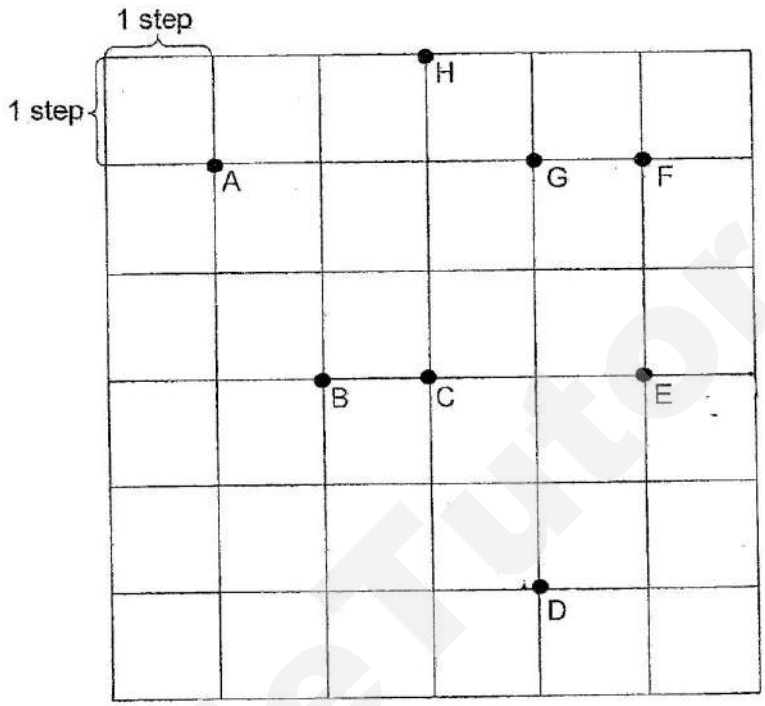
41. Look at the grid below and answer the following questions.



(a) Meg was standing at position C facing south. How many degrees did she turn in the clockwise direction to face H?

(b) Rannel was standing at position B facing north. She walked 2 steps to the north and 3 steps to the east. At which position did she end up at?

(c) Teck Meng was standing at a certain position. After he walked 3 steps to the west and 4 steps to the north, he ended at position A. What was his starting position?

Ans : (a) _____ [1]

(b) _____ [1]

(c) _____ [1]

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42. Savannah bought a total of 12 files and pens. Each file cost $5 and each pen cost $2. She spent $45 in total.

(a) How many pens did Savannah buy?

(b) How much did she spend on the files?

Do not write in this spac

(a) _____ [3]

(b) _____ [1]

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43. The total cost of 4 similar rings and 7 similar necklaces is $392.
The 4 rings cost the same as the 7 necklaces.
How much do 8 such necklaces cost?

Ans : _____ [4]

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44. Arjun has 564 storybooks. He has 218 more storybooks than Rudra but 39 fewer storybooks than Mohan. How many storybooks do they have altogether?

Ans : _____ [4]

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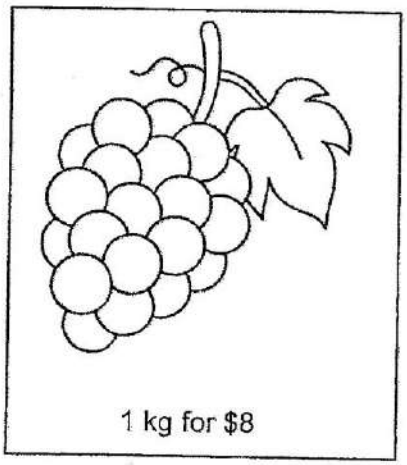
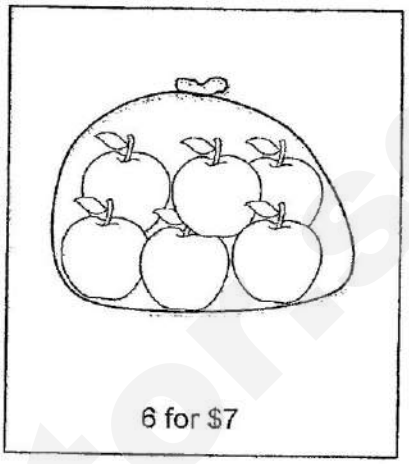
45. Grapes were sold at 1 kg for $8. A packet of apples was sold at 6 for $7. Marcus bought 2 kg of grapes and 18 apples. How much more did he spend on the apples than on the grapes?



1 kg for $8



6 for $7

Ans : _____ [4]

END OF PAPER

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ANSWER KEY

YEAR	:	2018
LEVEL	:	PRIMARY 4
SCHOOL	:	CHIJ ST NICHOLAS GIRLS'
SUBJECT	:	MATHEMATICS
TERM	:	SA1

Section A

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

Section B

Q20 14 789

Q21 63 708 , 63 078 , 63 070 , 63 007

Q22 103

Q23 $3436

Q24 24 000

Q25 2059

Q26 65°

Q27 2404

Q28 96

Q29 97 848

Q30 21 and 7

Q31 1410 g

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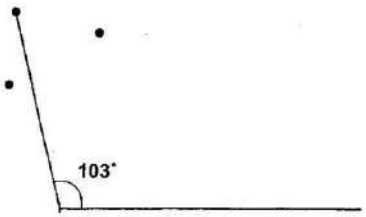
Q32 307

Q33 415 ice cream sticks

Q34 532 stamps

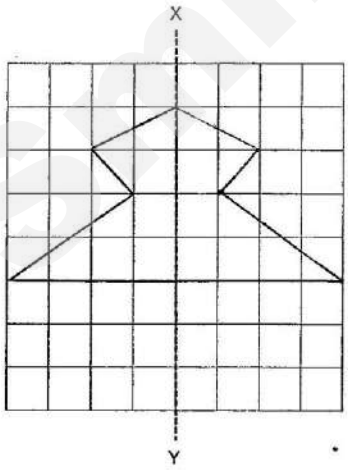
Q35



Q36 31°

Q37 6 cm

Q38



Q39 93 girls

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Section C

Q40 180 x 4 = 720
720 + 250 ⇒ 970 cards

Q41 (a) 180°

(b) F

(c) D

Q42 (a) 5 pens

(b) 5 x 7 ⇒ $35

Q43 4 r + 7 n = 392
4 r = 7 n
392 ÷ 2 = 196
196 ÷ 7 = 28
196 + 28 ⇒ $224

Q44 564 – 218 = 346
564 + 39 = 603
346 + 603 =949
949 + 564 ⇒ 1513 storybooks

Q45 8 + 8 = 16
7 x 3 = 21
21 – 16 ⇒ $5

End

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MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1

Primary 4 MATHEMATICS

8 MAY 2018

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.

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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. The value of digit 9 in 89 510 is _____.

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

2. Which of the following is a common factor of 18 and 48?

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

3. Find the sum of the first 3 multiples of 4.

   (1) 7
   (2) 12
   (3) 18
   (4) 24

4. A number when rounded off to the nearest hundred is 3900. The **smallest** possible number is _____.

   (1) 3840
   (2) 3850
   (3) 3910
   (4) 3950

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5. $4 \times 500 =$ _____ hundreds

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

6. 75 912 is 1000 more than _____.

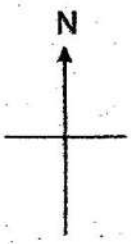
(1) 65 912
(2) 74 912
(3) 76 912
(4) 85 912

7. Mr Wong bought 12 boxes of pies for his workers.
Each box contained 15 pies. He gave each worker 5 pies.
How many workers does he have?

(1) 31
(2) 36
(3) 180
(4) 185

8. Aden is facing North-east. After he makes a $\frac{3}{4}$ - turn anti-clockwise, he will be facing _____ direction.

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



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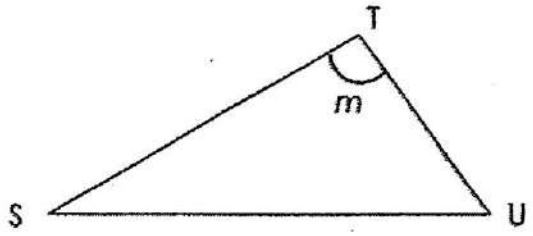
9. What are the correct names for the marked angle below?



(1) ∠m and ∠STU

(2) ∠m and ∠TSU

(3) ∠T and ∠SMU

(4) ∠T and ∠STU

10. Find the sum of the 7th multiple of 8 and the 5th multiple of 9.

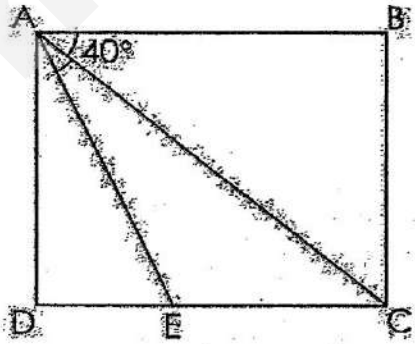
(1) 45

(2) 56

(3) 72

(4) 101

11. ABCD is a rectangle and ∠CAE = ∠DAE. Find ∠CAE.



(1) 20°

(2) 25°

(3) 40°

(4) 50°

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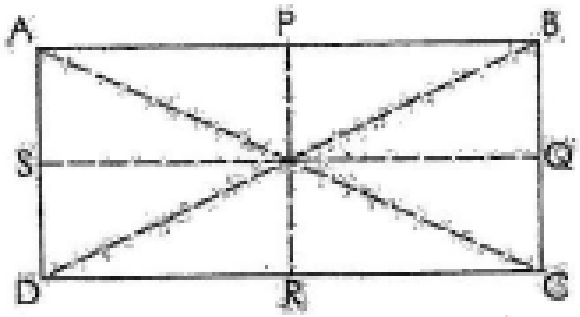
12. Which of the line(s) below are lines of symmetry for Rectangle ABCD?

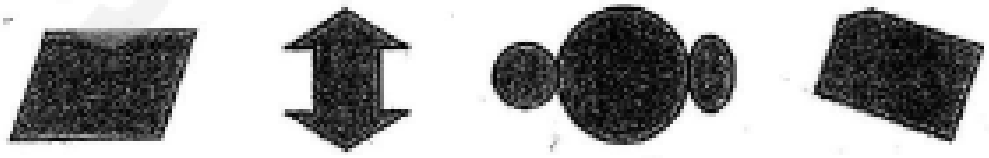


(1) BD
(2) SQ
(3) AC and BD
(4) SQ and PR

13. Joel's swimming class is 1 hour and 30 minutes long. How many right angles will the minute hand make by the end of his class?

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

14. Which of the figures below are symmetrical?



A B C D

(1) A and B
(2) A and D
(3) B and C
(4) A, B and C

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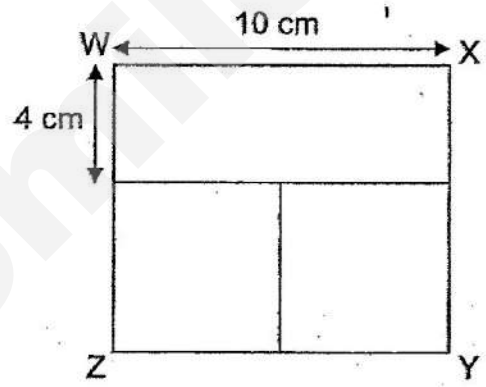
15. There were 38 students in Miss Lim's class. She gave 13 sweets to each student and had 6 sweets left. How many sweets did Miss Lim have at first?

(1) 416
(2) 488
(3) 494
(4) 500

16. Mr Tay and his wife earn a total of $9450 each month. Mr Tay's wife earns $250 less than him. How much does Mr Tay's wife earn in a month?

(1) $4475
(2) $4600
(3) $4850
(4) $9200

17. Rectangle WXYZ is made up of 1 rectangle and 2 identical squares. Find the length of XY.



(1) 5 cm
(2) 6 cm
(3) 9 cm
(4) 10 cm

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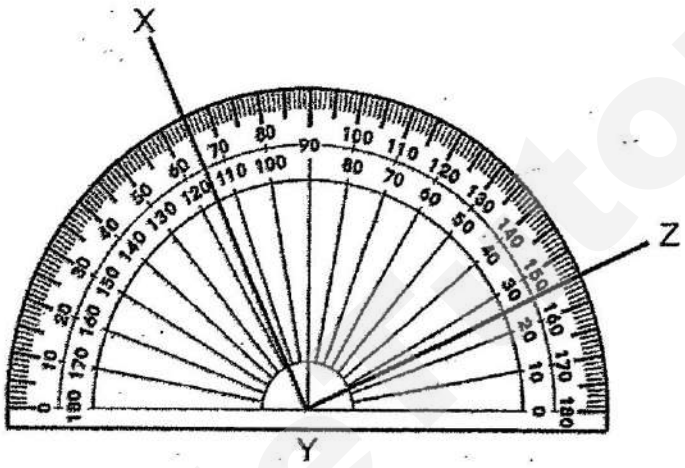
18. David paid a total of $240 for 3 soccer balls and 2 pairs of gloves. One soccer ball cost twice as much as one pair of gloves. How much did he pay for one soccer ball?

(1) $15
(2) $30
(3) $48
(4) $60

19. What is the size of ∠XYZ ?



(1) 65°
(2) 90°
(3) 115°
(4) 155°

20. Gabriel and Mary had a total of 336 beads. After Gabriel gave 42 beads to Mary, Gabriel had twice as many beads as Mary. How many beads did Mary have at first?

(1) 70
(2) 112
(3) 154
(4) 266

End of Booklet A

Go on to Booklet B

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MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1

Primary 4 MATHEMATICS

8 MAY 2018

BOOKLET B

25 questions

60 marks

Total Time For Booklets A and B: 1 h 45 min

NAME : _____ ( )
CLASS : PRIMARY 4 _____

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FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

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Section B (20 x 2 = 40 marks)

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

21. Write forty-two thousand and sixty in numerals.

Answer: _____

Do not write in this space.

22. Fill in the blank.

$200 \times 12 = \square + 400$

Answer: _____

23. What is the remainder when 2064 is divided by 9?

Answer: _____

24. What is the smallest 4-digit odd number that can be formed using the cards below? Do not begin with '0'.

5	6	0	1

Answer: _____

SCORE

(Go on to the next page)

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25. Which 2 letters below are symmetrical?

Z E A L

Answer: _____ and _____

Do not write in this space.

26. Lucas has 3 times as many stamps as Amy. He has 84 more stamps than Amy. How many stamps do they have altogether?

Answer: _____

27. Mrs Tan bakes 69 muffins. She packs 6 muffins in each box.
At least how many boxes does she need to contain **all** her muffins?

Answer: _____

28. Wei Qiang thinks of a number. It can be divided exactly by 6.
It has 5 as one of its factors. It is smaller than 40.
What is the number?

Answer: _____

SCORE

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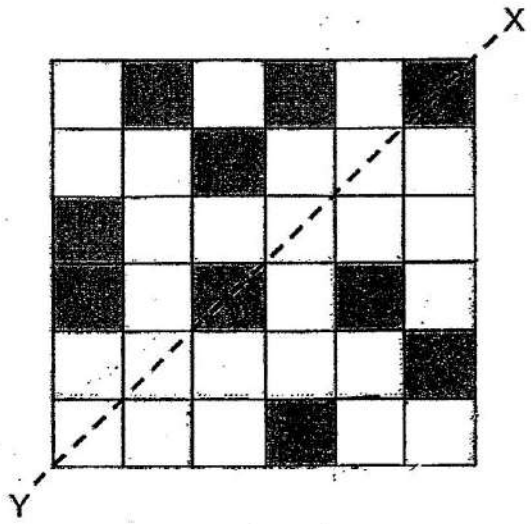
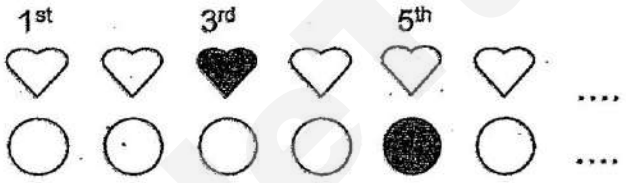
29. Using XY as the line of symmetry, shade the correct square(s) to complete the symmetric pattern below.



30. Matthew drew 20 pairs of hearts and circles. He coloured every 3rd heart and every 5th circle grey. In which position were both the heart and circle coloured grey?



Answer: _____ position

31. Every day, Tom saves $3 and his brother saves $2 more than him. How many days would they take to save a total of $200 together?

Answer: _____ days

SCORE

(Go on to the next page)

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32. Mrs Tang gave 5 sweets and 3 cupcakes to each child at a party. She gave out 32 more sweets than cupcakes at the party. How many children were at the party?

Do not write in this space.

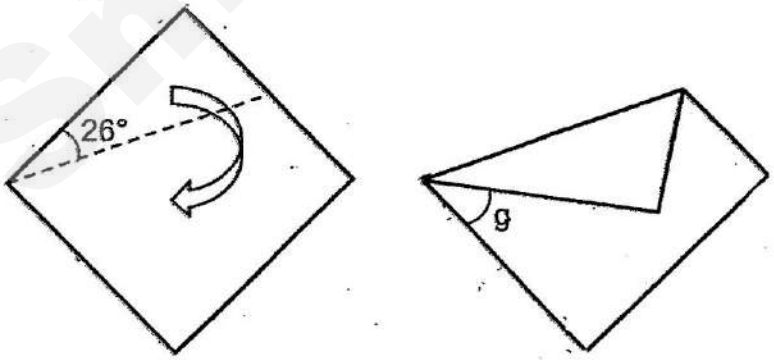
Answer: _____

33. Following all the clues given below, what is the **greatest** 4-digit number that can be formed?

- All the 4 digits are different.
- None of the digits is 0.
- The digit in the hundreds place is 3.
- The digit in the thousands place is greater than 8.
- The sum of all the digits is 18.

Answer: _____

34. Isaac has a piece of square paper. He folded along the dotted line as shown below. Find ∠g.



Answer: _____ °

SCORE

(Go on to the next page)

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35. ☀ + ☺ = 106

☀ + ☀ + ☀ + ☺ + ☺ = 269

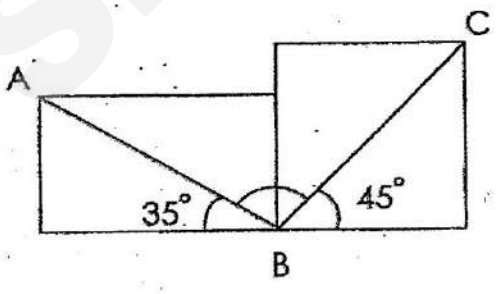
What is the value of ☀ ?

Answer: _____

36. Susan has fewer than 40 sweets.
When she packs the sweets into bags of 5, she has 2 sweets left.
When she packs the sweets into bags of 8, there is no remainder.
How many sweets does Susan have?

Answer: _____

37. The figure is made up of a rectangle and a square. Find ∠ABC.



Answer: _____ °

SCORE

(Go on to the next page)

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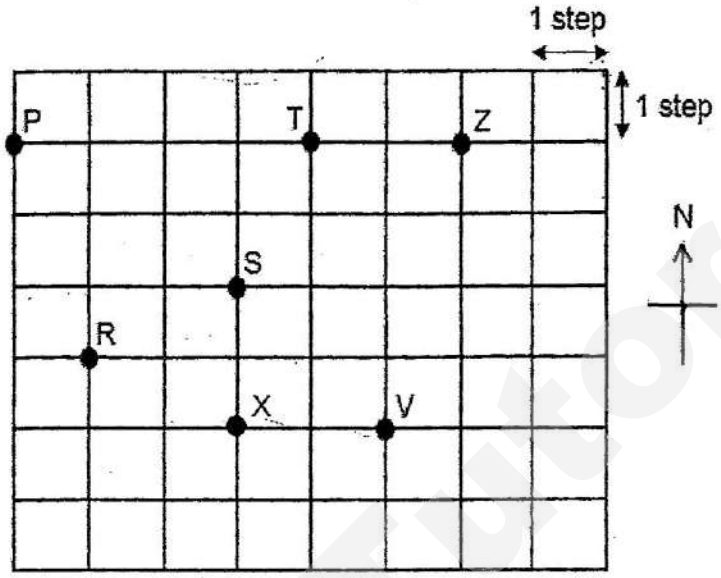
38. Daniel is at Position T. He moves around the grid, following the directions given below:

- Take 1 step to the north
- Take 2 steps to the west
- Take 5 steps to the south
- Take 3 steps to the east



At which position will Daniel be in the end?

Answer: Position _____

39. A group of children line up in 8 straight rows in the field. There is an equal number of children in each row. Joseph is in one of the rows.
In his row, 5 children are in front of him and 3 children are behind him.
How many children are in the field altogether?

Answer: _____

Do not write in this space.

SCORE

(Go on to the next page)

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40. Grandma prepared 80 sandwiches for her 30 grandchildren.
Each grandchild took either 2 or 3 sandwiches.
There were no sandwiches left.
How many grandchildren took 3 sandwiches each?

Answer: _____

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SCORE
(Go on to the next page)

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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.

Do not write in this space.

41. A shopkeeper had 450 cartons of apple juice.
In each carton, there were 24 bottles of apple juice.
He sold 36 cartons of apple juice.

(a) How many bottles of apple juice did he have at first?

(b) How many bottles of apple juice were not sold?

Answer: (a) _____ [2]

(b) _____ [2]

SCORE

(Go on to the next page)

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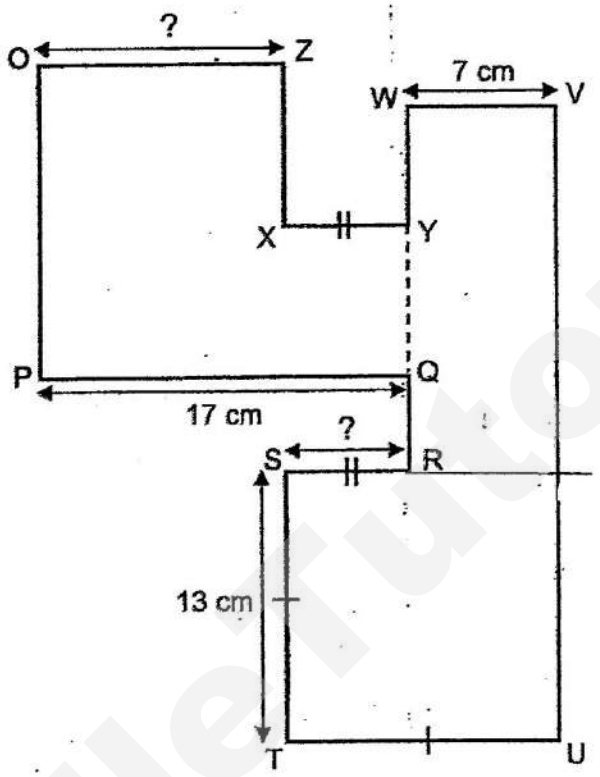
42. The figure below is not drawn to scale. All the lines meet at right angles. PQ = 17 cm, WV = 7 cm, ST = 13 cm, XY = SR and ST = TU.

(a) Find the length of SR.

(b) Find the length of OZ.



Answer: (a)_____ [2]

(b)_____ [2]

SCORE

(Go on to the next page)

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43. Aunt Sue sewed some quilts from Monday to Wednesday.
For each day after Monday, she sewed 12 more quilts than the day before.
By the end of Wednesday, she sewed a total of 150 quilts.
How many quilts did she sew on Tuesday?

Do not write in this space.

Answer: _____ [4]

SCORE

(Go on to the next page)

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44. Alex and Benny had 440 cards.
Alex and Cruz had 320 cards.
Benny had 3 times as many cards as Cruz.
How many cards did Alex have?

Answer: _____ [4]

SCORE

(Go on to the next page)

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45. The figures below are made up of identical squares, some shaded while the rest unshaded.

Do not write in this space.

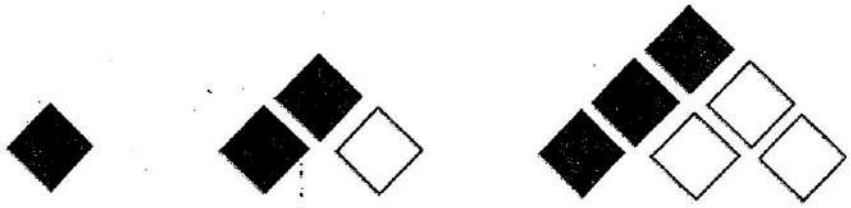

Figure 1 Figure 2 Figure 3

(a) How many shaded squares are there in Pattern 4?

(b) How many unshaded squares are there in Pattern 4?

(c) Which figure has a total of 21 squares?

Answer: (a) _____ [1]

(b) _____ [1]

(c) Figure _____ [2]

END OF PAPER

SCORE

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : MARIS STELLA HIGH SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : SA1

BOOKLET A

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

BOOKLET B

Q21) 42060

Q22) 2000

Q23) 3

Q24) 1065

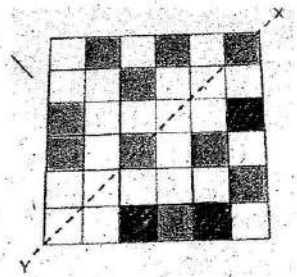
Q25) E and A

Q26) 168

Q27) 12

Q28) 30

Q29)



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Q30) 15

Q31) 25

Q32) 16

Q33) 9351

Q34) 38

Q35) 57

Q36) 32

Q37) 100

Q38) V

Q39) 72

Q40) 20

Q41a) 450 x 24 = <u>1800</u>

Q41b) 450 – 36 = 414
414 x 24 = <u>9936</u>

Q42a) 13 – 7 = <u>6</u>

Q42b) 17 – 6 = <u>11</u>

Q43) 12 + 12 + 12 = 36
150 – 36 = 114
114 ÷ 3 = 38
38 + 12 = <u>50</u>

Q44) 440 – 320 = 120
120 ÷ 2 = 60
320 – 60 = <u>260</u>

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Q45a) 4

Q45b) 3 + 3 = 6

Q45c) Figure 6

END

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METHODIST GIRLS' SCHOOL (PRIMARY)
Founded in 1887

MID-YEAR EXAMINATION 2018

PRIMARY 4

MATHEMATICS

(SECTION 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.

Shade your answers in the Optical Answer Sheet (OAS) provided.

Name:_____ ( )

Class : Primary 4._____

Date : 4 May 2018

36

This booklet consists of **8** printed pages including this

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SECTION A: 36 marks

Questions **1** to **18** carry 2 mark 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 4 ten thousands, 3 hundreds, 5 tens and 7 ones is the same as _____.

(1) 4 357
(2) 40 357
(3) 400 357
(4) 410 357

2 Which one of the following has digit 3 in the thousands place?

(1) 36 045
(2) 53 064
(3) 54 365
(4) 64 530

3 What is the missing number in the box?

80 000 + 9 000 + ☐ + 7 = 89 127

(1) 12
(2) 20
(3) 100
(4) 120

(Go on to the next page)

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4 Which one of the following is the second common multiple of 2 and 4?

(1) 16
(2) 12
(3) 8
(4) 4

5 $45 \times 38 = 45 \times 30 + \square \times 45$. What is the number in the box?

(1) 8
(2) 5
(3) 3
(4) 4

6 Ali painted $\frac{2}{5}$ of a pole red, $\frac{1}{3}$ of the pole green and the rest blue.

What fraction of the pole was painted blue?

(1) $\frac{3}{8}$
(2) $\frac{5}{8}$
(3) $\frac{4}{15}$
(4) $\frac{11}{15}$

(Go on to the next page)

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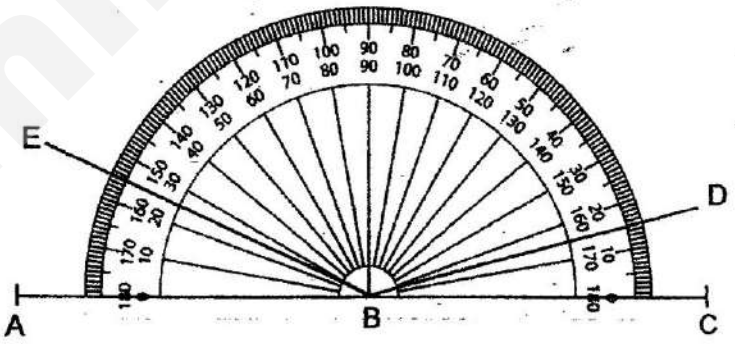
7 A goodie bag cost $6. The organiser of a charity event bought 1 276 goodie bags to give to all the children who were present. What was the total amount the organiser had to pay?

(1) $6 226
(2) $6 650
(3) $7 650
(4) $7 656

8 Which of the following numbers when rounded to nearest 1000 gives 24 000?

(1) 23 499
(2) 23 490
(3) 24 499
(4) 24 509

9 Which one of the following angles is 25°?



(1) ∠ABE
(2) ∠ABD
(3) ∠CBE
(4) ∠CBD

(Go on to the next page)

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10 How many quarters are there in $3\frac{1}{4}$?

(1) 13
(2) 12
(3) 8
(4) 7

11 The time on the clock is 3.00 p.m. What time will it be when the minute hand turns 180° clockwise?



(1) 2.30 p.m.
(2) 2.45 p.m.
(3) 3.15 p.m.
(4) 3.30 p.m.

12 Pui San had some stamps. She gave her sister $\frac{2}{5}$ of the stamps and had 30 stamps left. How many stamps did Pui San have at first?

(1) 10
(2) 12
(3) 50
(4) 75

(Go on to the next page)

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13 Convert $2\frac{3}{7}$ to an improper fraction.

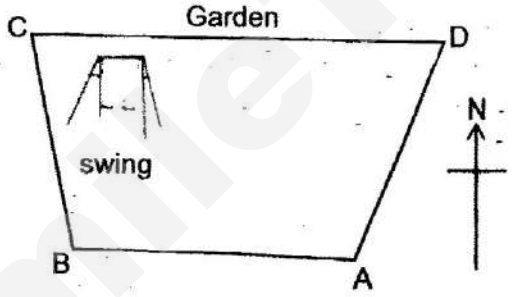
(1) $\frac{12}{7}$

(2) $\frac{13}{7}$

(3) $\frac{14}{7}$

(4) $\frac{17}{7}$

14 The figure below shows the position of a swing in a garden.
Which corner of the garden is north-east of the swing?



(1) A
(2) B
(3) C
(4) D

(Go on to the next page)

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15 One page in a stamp album holds 24 stamps. There are 36 pages in the stamp album. What is the maximum number of stamps the album can hold?

(1) 864
(2) 744
(3) 216
(4) 144

16 A number rounded to the nearest ten is 5 250. Which one is the greatest possible number?

(1) 5 000
(2) 5 245
(3) 5 254
(4) 5 300

(Go on to the next page)

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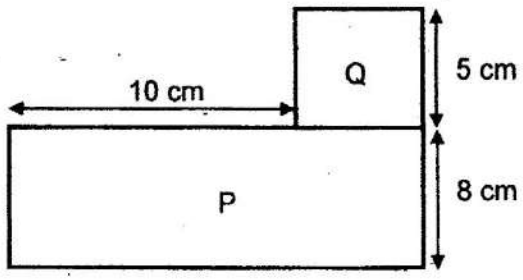
17 The figure below is made up of rectangle P of breadth 8 cm and square Q with side 5 cm. What is the length of rectangle P?



(1) 10 cm
(2) 13 cm
(3) 15 cm
(4) 18 cm

18 WXYZ is a rectangle. How many **pairs** of parallel lines are there?



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

END OF SECTION A

Go on to Section B

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MID-YEAR EXAMINATION 2018

PRIMARY 4

MATHEMATICS

(SECTION 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 : 4 May 2018

SECTION A	36
SECTION B	36
SECTION C	28
TOTAL	100

This booklet consists of 9 printed pages including this page

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SECTION B: 36 marks

Questions **19** to **36** 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 space

19 13 450 is 150 less than _____.

Ans:_____

20 Use the digits below to form the greatest 5-digit even number with 6 in the tens place.

3	5	4	6	9	2

Ans:_____

21 Find the value of $\frac{2}{3} + \frac{7}{8}$. Give your answer as a mixed number.

Ans:_____

(Go on to the next page)

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22 What is the difference between the 2nd and 7th multiple of 8?

Do not write in this space

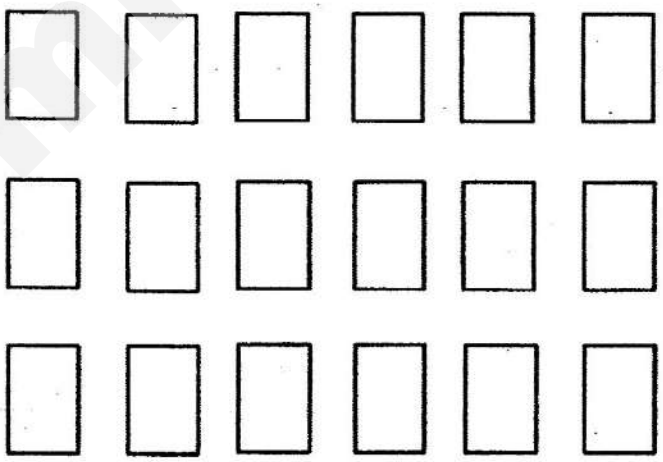
Ans: _____

23 Complete the number pattern.

3 070, 3 190, 3310, _____, 3 550

Ans: _____

24 Study the figure below. Shade the number of rectangles to show $\frac{2}{9}$ of the figure



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25 Ali has 1 404 Malaysia and Singapore stamps.
He has 5 times as many Singapore stamps as Malaysia stamps.
How many Malaysia stamps does Ali have?

Do not write in this space

Ans: _____

26 The mass of a hamper with 10 similar bottles of chicken essence and a bouquet of flowers is 1200 g. The mass of the empty basket is 160g.
The mass of each bottle of chicken essence is 70g.
What is the mass of the bouquet of flowers?

Ans: _____

(Go on to the next page)

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27 There are 4 times as many ducks as chickens in a farm.
There are 600 ducks in the farm.
How many more ducks than chickens are in the farm?

Do not write in this space

Ans: _____

28 180 people went to a concert. $\frac{1}{3}$ of the people were men, $\frac{4}{9}$ of them were women and the rest were children. How many children attended the concert?

Ans: _____

(Go on to the next page)

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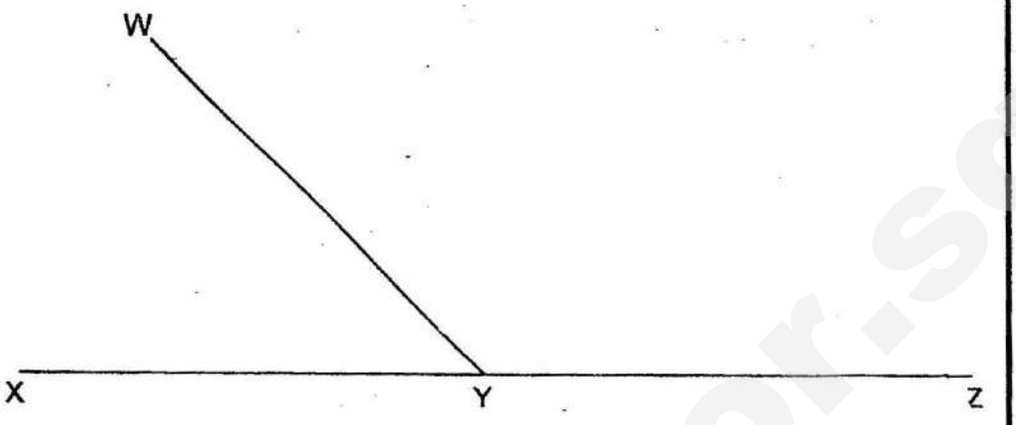
29 Mark $\angle WYZ$ and use a protractor to measure its size.

Do not write in this space



Ans: _____

30 When a number is divided by 8, the quotient is 276 and the remainder is 1. What is the number?

Ans: _____

(Go on to the next page)

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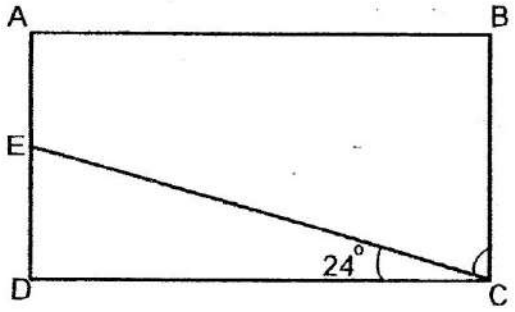
31 ABCD is a rectangle. Find $\angle BCE$.

Do not write in this space



Ans: _____

32 Mrs Lim wanted to put 60 pupils in groups for project work.
Each group should have an equal number of pupils.
There should not be more than 10 groups.
The number of pupils in each group should be more than 6 but less than 12.
How many pupils should there be in each group if no pupil is left out?

Ans: _____

(Go on to the next page)

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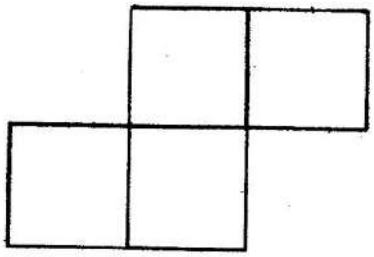
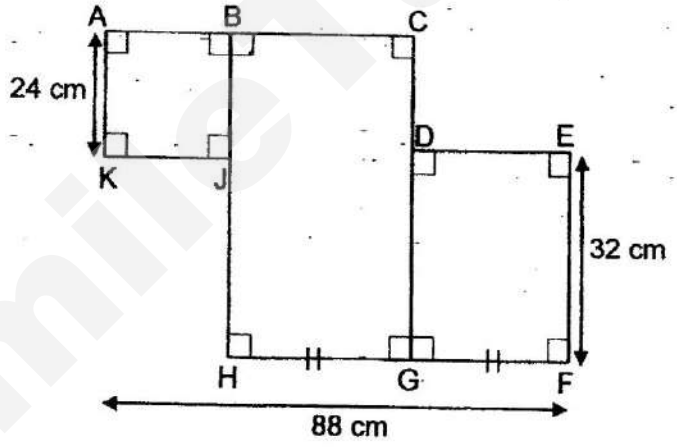
33 The figure below is made up of 4 identical squares. The perimeter of the figure is 50 cm. What is the length of each side of the square?

Do not write in this space



Ans: _____ cm

34 The figure below is made up of a square ABJK and two rectangles BCGH and DEFG. HG = FG. Find the length BC.



Ans: _____ cm

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Do not write in this space

35 The mass of a sack of rice was 5 kg. Mrs Ho gave $\frac{1}{2}$ kg of it to her neighbour and cooked $\frac{5}{6}$ kg of it for dinner. How much rice had she left? Give your answer as a mixed number in its simplest form

Ans: _____ kg

36 A bottle is $\frac{5}{6}$ full when it is filled with 10 litres of water. How much water is there in the bottle when it is $\frac{1}{3}$ full?

Ans: _____ litres

END OF SECTION B

(Go on to Section C)

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METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

MID-YEAR EXAMINATION 2018

PRIMARY 4

MATHEMATICS

(SECTION 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 : 4 May 2018

28

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Section C: 28 marks

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 the brackets [ ] at the end of each question or part question.

Do not write in this space

37 The librarian packed 470 books into 3 boxes. The first box has 50 more than the second box. The third box has twice as many books as the second box. How many books are there in the second box?

Ans: _____ [3]

38 Kim spent $2 400 at a furniture shop. He bought a rocking chair for his mother and 3 study tables at $560 each for his 3 children.

(a) How much did he spend on the 3 study tables?

(b) What is the cost of the rocking chair?

Ans: (a) _____ [1]

Ans: (b) _____ [2]

(Go on to the next page)

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39 The usual price of a printer is \$286. During a sale, it is sold at \$229.
An owner of a tuition centre wants to buy 6 such printers.
How much will he save if he buys them during the sale?

Do not write in this space

Ans: _____ [3]

40 Mrs Tan has some money. She spent $\frac{2}{3}$ of it on a blouse and $\frac{1}{5}$ of it on a shawl. She had \$56 left. How much money did she have at first?

Ans: _____ [4]

(Go on to the next page)

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41 There were 5 770 boxes of fruits in the warehouse.
There were 1 246 boxes of oranges. The rest were apples and pears.
There were 250 more boxes of pears than apples. How many boxes of apples were there in the warehouse?

Do not write in this space

Ans: _____ [4]

(Go on to the next page)

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42 A tailor had 1000 buttons. He sewed 7 buttons on each blouse.
He later sold all the blouses at $39 each.

(a) How many blouses did the tailor manage to fix the buttons on?

(b) What was the total amount collected by the tailor?

Do not write in this space

Ans: (a) _____ [2]

Ans: (b) _____ [2]

(Go on to the next page)

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43 Mr Raju bought 3 handphones and 2 earphones for $2 415.
The earphone is $555 cheaper than the handphone.
What is the total price of 1 handphone and 1 earphone?

Do not write in this space

Ans: _____ [4]

(Go on to the next page)

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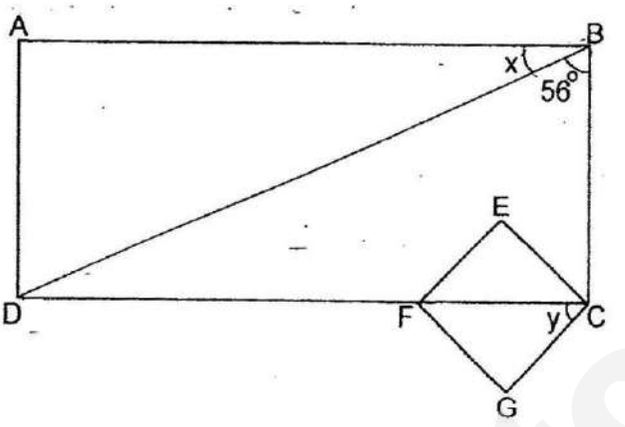
44 The figure below is made up of a rectangle ABCD and a square CEFG.

Do not write in this space

(a) Find $\angle x$.

(b) Find $\angle y$.



Ans: (a) _____ [1]

Ans: (b) _____ [2]

END OF PAPER

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ANSWER KEY

YEAR	:	2018
LEVEL	:	PRIMARY 4
SCHOOL	:	METHODIST GIRLS' SCHOOL
SUBJECT	:	MATHEMATICS
TERM	:	SA1

Section A

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

Section B

Q19 13 600

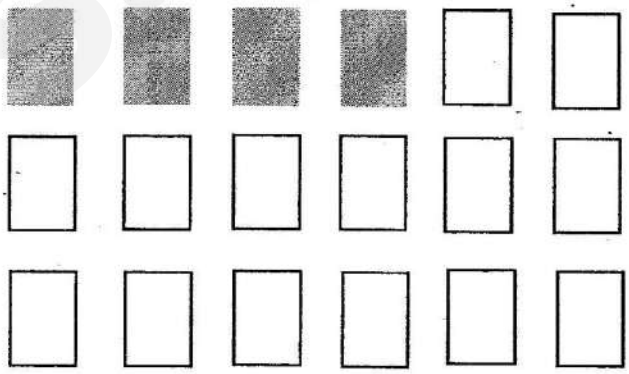
Q20 95462

Q21 $1\frac{13}{24}$

Q22 40

Q23 3430

Q24



Q25 234 stamps

Q26 340 g

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Q27 450 more ducks

Q28 40 children

Q29 135°

Q30 2209

Q31 66°

Q32 10 pupils

Q33 5 cm

Q34 32 cm

Q35 $3\frac{2}{3}$ kg

Q36 4 litres

Section C

Q37 470 – 50 = 420
420 ÷ 4 ⇒ 105 books

Q38 (a) 560 x 3 ⇒ $1680

(b) 2400 – 1680 ⇒ $720

Q39 286 x 6 = 1716
229 x 6 = 1374
1716 – 1374 ⇒ $342

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Q40 $\frac{2}{3} = \frac{10}{15}$

$\frac{10}{15} + \frac{3}{15} = \frac{13}{15}$

$\frac{15}{15} - \frac{13}{15} = \frac{2}{15}$

$\frac{1}{5} + \frac{3}{15}$

$\frac{2}{15} \rightarrow \$56$

$\frac{1}{15} \rightarrow 56 \div 2 = 28$

$\frac{15}{15} \rightarrow 28 \times 15 \Rightarrow \underline{\$420}$

Q41 1246 + 250 = 1496
5770 - 1496 = 4274
4274 ÷ 2 ⇒ <u>2137 boxes</u>

Q42 (a) 1000 ÷ 7 ⇒ <u>142 blouses</u>

(b) 142 x 39 ⇒ <u>$5538</u>

Q43 555 x 3 = 1665
2415 – 1665 = 550
550 ÷ 5 = 110
110 x 2 = 220
220 + 555 ⇒ <u>$775</u>

Q44 (a) ∠x → 90° - 56° ⇒ <u>34°</u>

(b) ∠y ⇒ <u>45°</u>

End

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NAN HUA PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1 – 2018

PRIMARY FOUR

MATHEMATICS

Duration: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class 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 : Pr 4 _____

Date : 8 May 2018 **Parent's Signature :** _____

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Section A (20 × 2 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 correct oval on the OAS (40marks).

1. In 956 803, which digit is in the hundreds place?

   (1) 8
   (2) 6
   (3) 5
   (4) 0 ( )

2. In 56 147, what does the digit '6' stand for?

   (1) 6 tens
   (2) 6 hundreds
   (3) 6 thousands
   (4) 6 ten thousands ( )

3. Mr Lim saves $2 656 every month. Round this amount to the nearest $10.

   (1) $2 650
   (2) $2 660
   (3) $2 700
   (4) $3 000

   ( )

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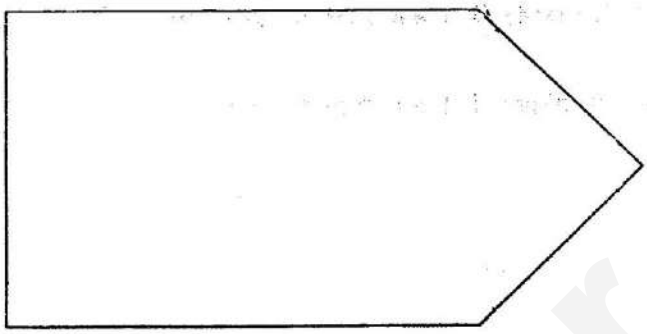
4. How many right angles are there <u>inside</u> the figure?



(1) 5

(2) 2

(3) 3

(4) 4 ( )

5. Complete the number pattern.

43 865, 43 965, _____, 44 165, 44 265, 44 365

(1) 42 965
(2) 43 975
(3) 44 065
(4) 44 965 ( )

6. What is the remainder when 8 206 is divided by 4?

(1) 251
(2) 2
(3) 2 051
(4) 4 ( )

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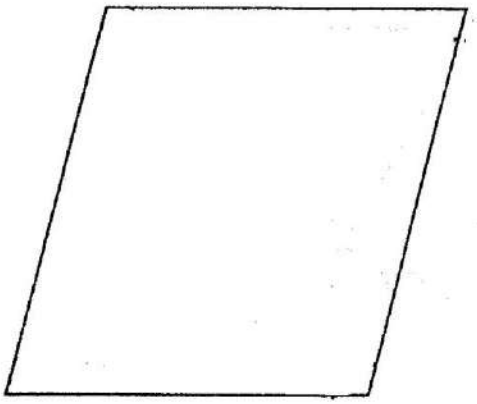
7. How many acute angles are there in the figure?



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

8. What is the second common multiple of 6 and 9?

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

9. Subtract 100 from the product of 65 and 10. What is the answer?

(1) 550
(2) 650
(3) 750
(4) 6 500 ( )

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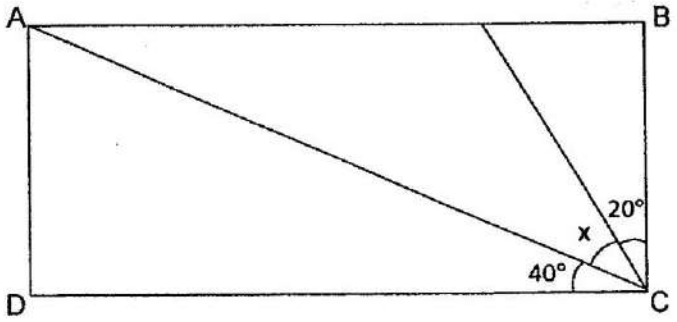
10. ABCD is a rectangle. Find $\angle x$. The figure is not drawn to scale.



(1) 20°
(2) 30°
(3) 40°
(4) 60° ( )

11. There are 840 marbles altogether in 2 boxes. The marbles are put in packets of 6. The number of packets of marbles in each box is the same. How many packets are there in each box?

(1) 70
(2) 140
(3) 280
(4) 420 ( )

12. The sum of two numbers is 60. The greater number is three times the smaller number. What is the smaller number?

(1) 15
(2) 20
(3) 40
(4) 45 ( )

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13. Which of the following is **not** an equivalent fraction of $\frac{2}{3}$?

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

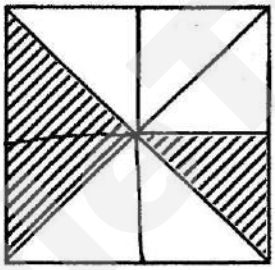
(2) $\frac{6}{9}$

(3) $\frac{10}{18}$

(4) $\frac{8}{12}$

( )

14. What fraction of the figure is shaded ?



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

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

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

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

( )

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15. Which one of the fractions below is greater than $\frac{5}{6}$?

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

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

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

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

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

(1) 6

(2) 7

(3) 13

(4) 14 ( )

17. There are 48 apples in a basket. $\frac{1}{6}$ of the apples are green and the rest are red. What is the difference between the number of red apples and the number of green apples?

(1) 40

(2) 32

(3) 24

(4) 8 ( )

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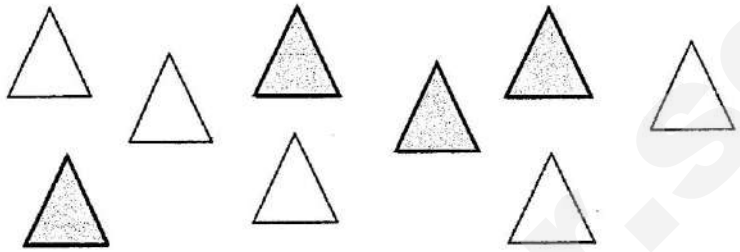
18. How many more triangles need to be shaded to show that $\frac{2}{3}$ of the set of triangles is **shaded?**



(1) 6
(2) 2
(3) 3
(4) 4 ( )

19. Melody saved $\frac{7}{9}$ of her allowance and spent the rest. She spent $24.

How much more did Melody save than spend?

(1) $12
(2) $24
(3) $48
(4) $60 ( )

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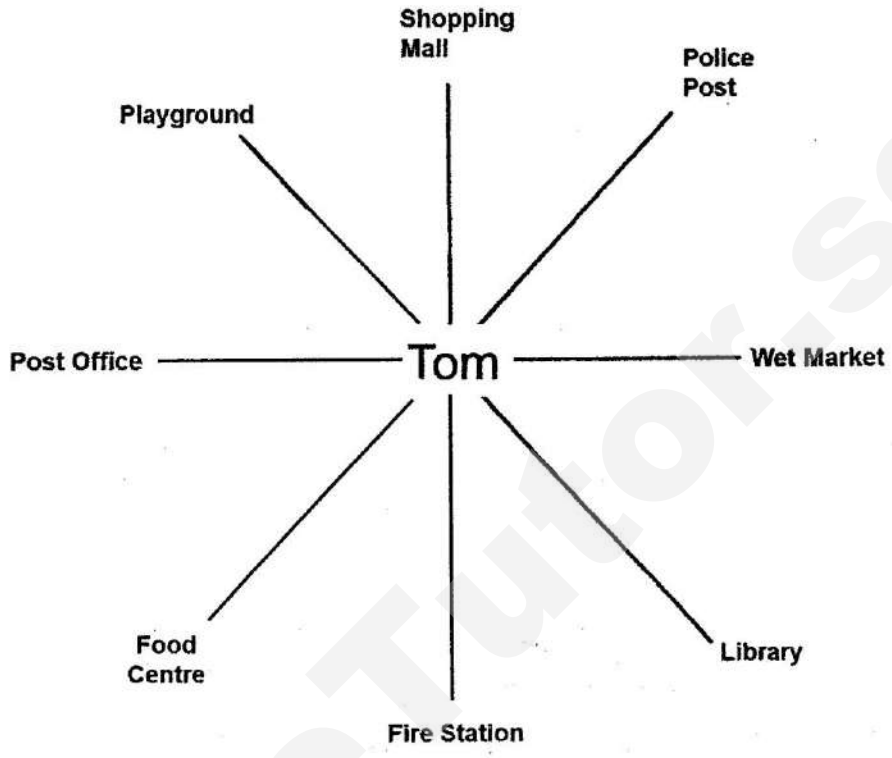
20.



Tom is facing the Food Centre. Where will he be facing if he turns 135° in clockwise direction?

(1) Library
(2) Playground
(3) Wet Market
(4) Shopping Mall ( )

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Section B (20 × 2 marks)

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 the followings in numerals:

    (a) Nineteen thousand, seven hundred and forty-four.

    (b) Twelve thousand and six.

Answer: (a) _____

(b) _____

22. Solve

    (a) $\frac{1}{9} + \frac{4}{9} =$

    (b) $\frac{5}{6} - \frac{2}{3} =$

Answer: (a) _____

(b) _____

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23. Which of these numbers have 3 as a factor? List all the numbers.

10 , 12 , 15 , 16 , 18, 23, 33

Answer: _____

24. List down all the common factors of 12 and 15.

Answer: _____

25. A fruit seller packs 99 apples into some identical bags. Each bag contains 4 apples. Find the least number of such bags the fruit seller needs to pack all the apples.

Answer: _____

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26. Form the largest 4-digit odd number with the following digits.

1	3	6	0

Answer: _____

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

$$\frac{16}{7} \quad , \quad \frac{3}{8} \quad , 2\frac{1}{3}$$

Answer: _____

28. Mr Tan ordered a pizza. He ate $\frac{1}{4}$ of the pizza. His wife ate $\frac{5}{12}$ of the pizza.
What fraction of the pizza was left?
(Express your answer in its simplest form.)

Answer: _____

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29. Joe had 10 marbles. 5 of them were red, 3 of them were green and the remaining marbles were white. What fraction of the marbles were white? (Express your answer in its simplest form.)

Answer: _____

30. Samson had to travel 9 km to work. He walked $\frac{3}{4}$ km and cycled the remaining distance. What was the distance Samson cycled? (Give your answer as a mixed number in its simplest form.)

Answer: _____ km

31. There are 2 times as many English books as Chinese books in the library. There are 2 580 English books. How many books are there altogether?

Answer: _____

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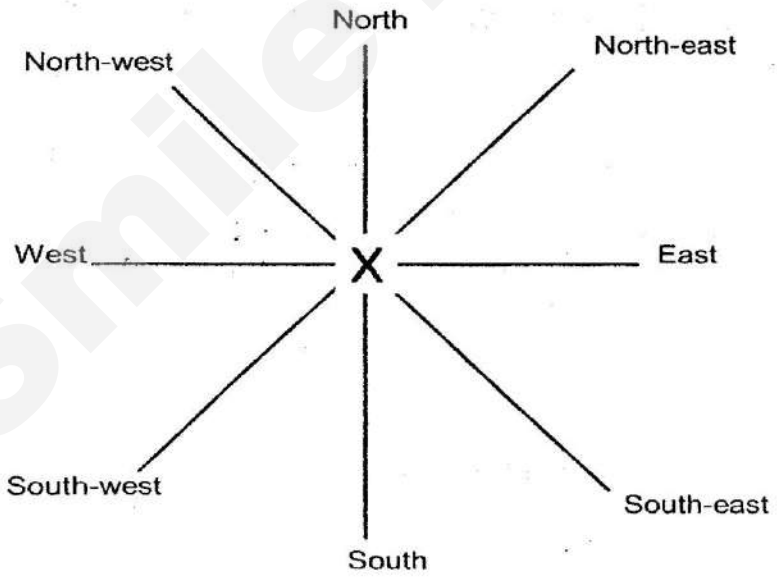
32. A customer got 1 free packet of fries for every purchase of 3 packets of fries. If Mr Brown had a total of 100 packets of fries, how many packets of fries did he receive for free?

Answer: _____

33. Dylan was at point X facing East. He made a $\frac{3}{4}$ - turn anticlockwise. Where is Dylan facing now?



Answer: _____

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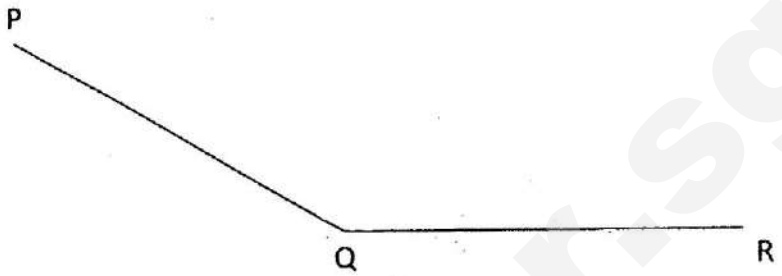
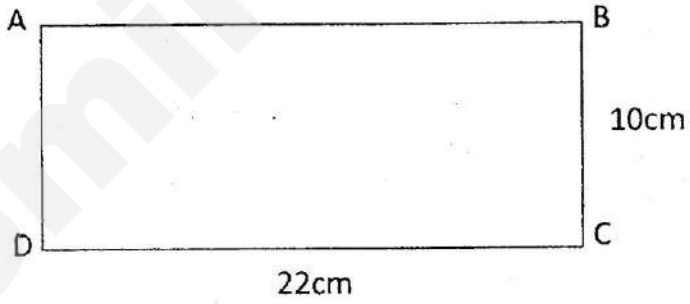
34. Measure and write down the size of $\angle PQR$.



Answer: _____°

35. Find the lengths of the unknown sides of the rectangle below.

(The figure is not drawn to scale.)



Answer: AD = _____cm

AB = _____cm

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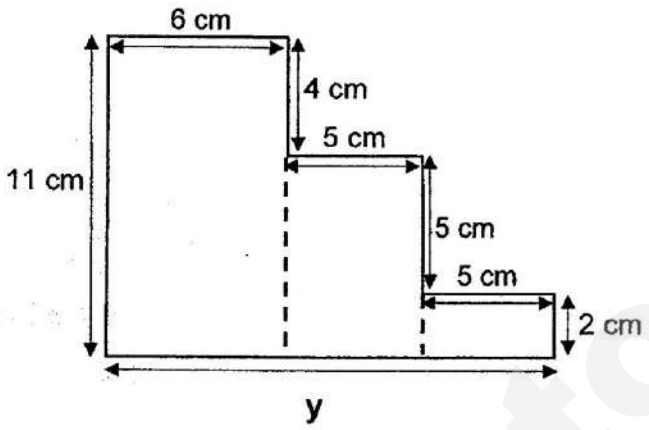
36. The figure below is made up of 3 rectangles. This figure is not drawn to scale. Find the length of y .



Answer: _____ cm

37. Mrs Tan mixed $\frac{2}{3}\ell$ of water with $\frac{1}{12}\ell$ of syrup and $\frac{5}{12}\ell$ of milk to make some drinks. How much drink did Mrs Tan prepare?
(Give your answer as a mixed number in its simplest form.)

Answer: _____ ℓ

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38. How many right angles does the hour hand of a clock turn through from 3 a.m. Wednesday to 9 a.m. Wednesday?

Answer: _____

39. Use a ruler and a set square to draw a rectangle ABCD of length 6 cm and breadth 3 cm. Label the rectangle drawn clearly.

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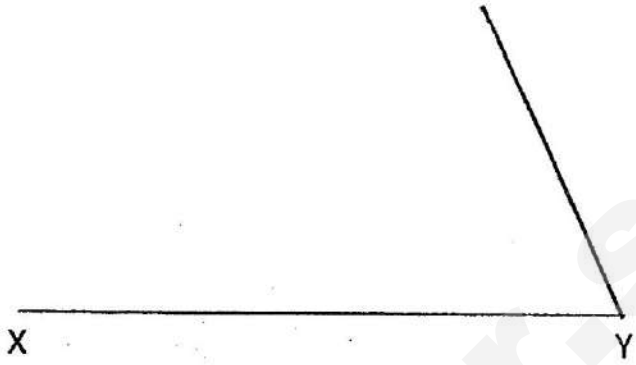
40. Using a protractor, draw an angle measuring 65°. Label the angle XYZ.



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Section C (20 marks)

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

41. There is an equal number of cars and motorcycles in a car park.

    A car has 4 wheels and a motorcycle has 2 wheels. They have a total of 114 wheels altogether.

    a) How many motorcycles are there in the carpark?

    b) How many wheels do the motorcycles have altogether?

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42. Lily had 4 times as much money as Joseph. After Lily gave Joseph $360, they each had the same amount of money.
(a) How much money did Lily have at first?
(b) How much money did Joseph have in the end?

43. Abel has $180 more than Bob. Calvin has twice as much as Abel.
The three children have a total amount of $1 140. How much does Bob have?

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44. Shawn received a weekly allowance of \$160. He spent $\frac{1}{4}$ of his allowance on transport and $\frac{3}{8}$ of his allowance on food. He saved the rest of his allowance in the bank.

(a) What fraction of his allowance did he save?

(b) How much did Shawn spend on food?

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45. Figure A: I have 4 sides.

Figure B: I have 4 sides and 2 pairs of parallel lines.

Figure C: I have 4 sides and the opposite sides are equal in length.

Figure D: I have 4 equal sides.

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

Statement	True	False	Not possible to tell
Figure A is a rectangle.			
Figure B is a square.			
Figure C is a square.			
Figure D is a rectangle.			

End of paper

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : NAN HUA PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : SA1

SECTION A

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

SECTION B

Q21 a) 19 744

b) 12 006

Q22 a) $\frac{5}{9}$

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

Q23) 12 , 15 , 18 , 33

Q24) 1 and 3

Q25) (25)

$99 \div 4 = 24\ Remaining\ 3$

24 + 1 = 25

Q26) 6301

Q27) $2\frac{1}{3}, \frac{16}{7}, \frac{3}{8}$

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Q28) $(\frac{1}{3})$

$1-\frac{1}{4}-\frac{5}{12}=\frac{1}{3}$

Q29) $\frac{1}{5}$

Q30) $8\frac{1}{4}$

Q31) (3870)

$2580 \div 2 = 1290$

$1290 \times 3 = 3870$

Q32)25

$100 \div 4 = 25$

Q33) South

Q34) $150° (\pm 0.1°)$

Q35) AD= 10 , AB= 22

Q36) (16cm)

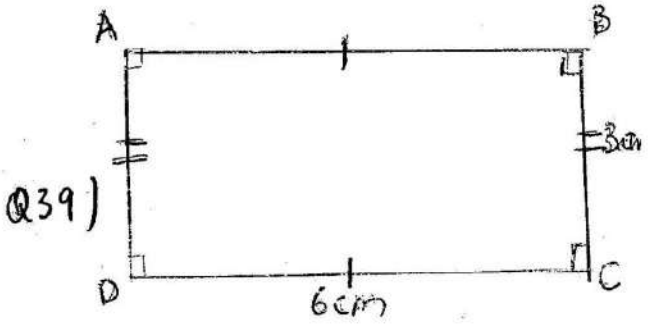
6+5+5=16

Q37) $\left(1\frac{1}{6}\ell\right)$

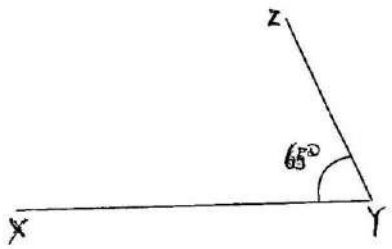
$\frac{2}{3}+\frac{1}{12}+\frac{5}{12}=\frac{14}{12}=1\frac{1}{6}$

Q38)2

Q39)



Q40)



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SECTION C

Q41a) (19)

By Guess and check,

No. of cars	No. of wheels	No. of motorcycles	No. of wheel	Total no. of wheel	Check
19	76	19	38	114	✓

b) (38)

Q42)a) Lily Represented by 8units , Joseph represented by 2units.

For Lily and Joseph to have same no. of unit(5 unit) Lily give 3 unit, Joseph Receive 3 unit.

3units=360

1unit=120

Lily has 8 units= 960

b) (600)

Joseph have 5 units in the end= 5 ×120=600

Q43)Bob represented by 1u , Abel by 1u+180 , Calvin by 2u + 360

1u+1u+2u+540 =1140

4u=600

1u=150

Bob has 1u = 150

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Q44)a) $(\frac{3}{8})$

$1-\frac{1}{4}-\frac{3}{8}=\frac{3}{8}$

b) (60)

$\frac{3}{8}\times 160 = 60$

Q45)

Statement	True	False	Not possible to tell
Figure A is a rectangle			✓
Figure B is a square			✓
Figure C is a square			✓
Figure D is a rectangle		✓	

THE END

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NANYANG PRIMARY SCHOOL

FIRST SEMESTRAL EXAMINATION – 2018

PRIMARY 4

MATHEMATICS
(BOOKLET A)

Total Duration for Booklets A and B: 1 hour 45 minutes

Additional materials: Optical Answer Sheet (OAS)

INSTRUCTIONS TO PUPILS

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: _____( )

Class: Primary 4 ( )

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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) and shade your answer on the Optical Answer Sheet. (30 marks)

---

1. In 17 625, what does the digit 6 stand for?

   (1) 6

   (2) 60

   (3) 600

   (4) 6000

2. Which one of the following is 12 814 in words?

   (1) Twelve thousand, eight hundred and forty

   (2) Twelve thousand, eight hundred and fourteen

   (3) Twelve thousand, eighty-one hundred and four

   (4) Twelve thousand, eight hundred and forty-one

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

51 701 , 50 800 , 55 090 , 50 648

(greatest) *(smallest)*

(1) 55 090, 51 701, 50 800, 50 648

(2) 50 648, 50 800, 51 701, 55 090

(3) 55 090, 50 800, 51 701, 50 648

(4) 50 648, 51 701, 50 800, 55 090

4. A number when rounded to the nearest hundred is 6000. Which one of the following is the number?

(1) 5648

(2) 5953

(3) 6097

(4) 6532

5. Which one of the following is **not** a factor of 63?

(1) 9

(2) 7

(3) 3

(4) 6

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6. Which one of the following is an equivalent fraction of $\frac{3}{8}$?

(1) $\frac{11}{16}$

(2) $\frac{11}{24}$

(3) $\frac{9}{32}$

(4) $\frac{24}{64}$

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

$$\frac{3}{4}, \quad \frac{5}{12}, \quad \frac{1}{2}$$

(smallest) *(greatest)*

(1) $\frac{1}{2}, \quad \frac{3}{4}, \quad \frac{5}{12}$

(2) $\frac{3}{4}, \quad \frac{1}{2}, \quad \frac{5}{12}$

(3) $\frac{5}{12}, \quad \frac{1}{2}, \quad \frac{3}{4}$

(4) $\frac{5}{12}, \quad \frac{3}{4}, \quad \frac{1}{2}$

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8. What is the mixed number that is exactly halfway between $\frac{8}{7}$ and $\frac{12}{7}$?

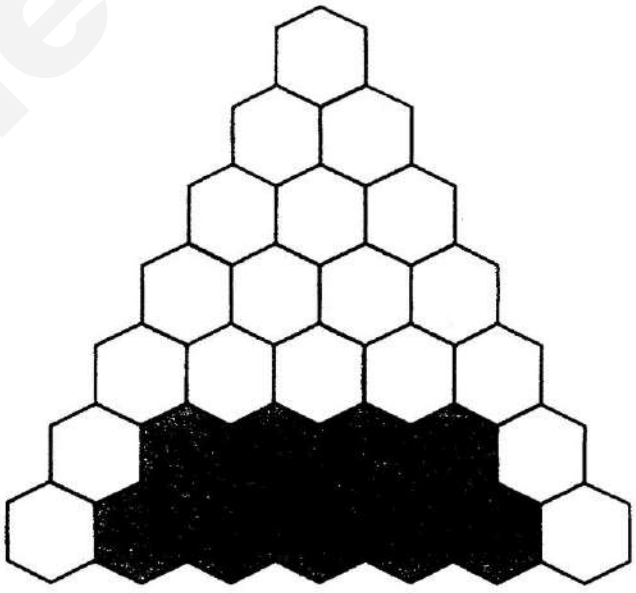
(1) $\frac{7}{10}$

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

(3) $1\frac{5}{7}$

(4) $10\frac{1}{7}$

9. The figure below is made up of 28 identical hexagons. How many **more** hexagons must be shaded so that $\frac{4}{7}$ of the figure is shaded?



(1) 7

(2) 9

(3) 3

(4) 16

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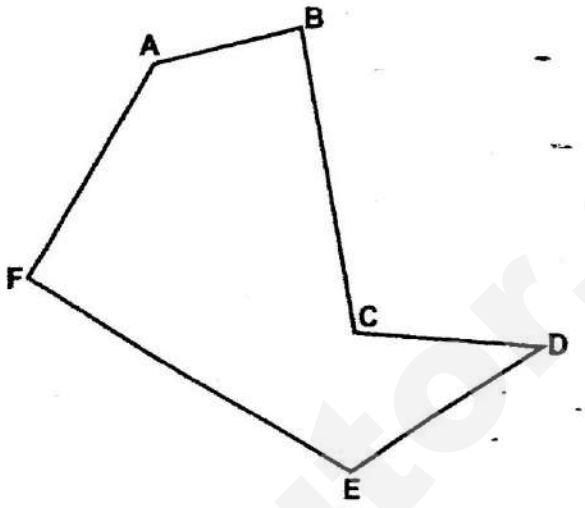
10. In the figure below, which angle is a right angle?



(1) ∠ABC

(2) ∠AFE

(3) ∠CDE

(4) ∠DEF

11. A number when divided by 8 gives a quotient of 832 with no remainder. What is the number?

(1) 104

(2) 140

(3) 6446

(4) 6656

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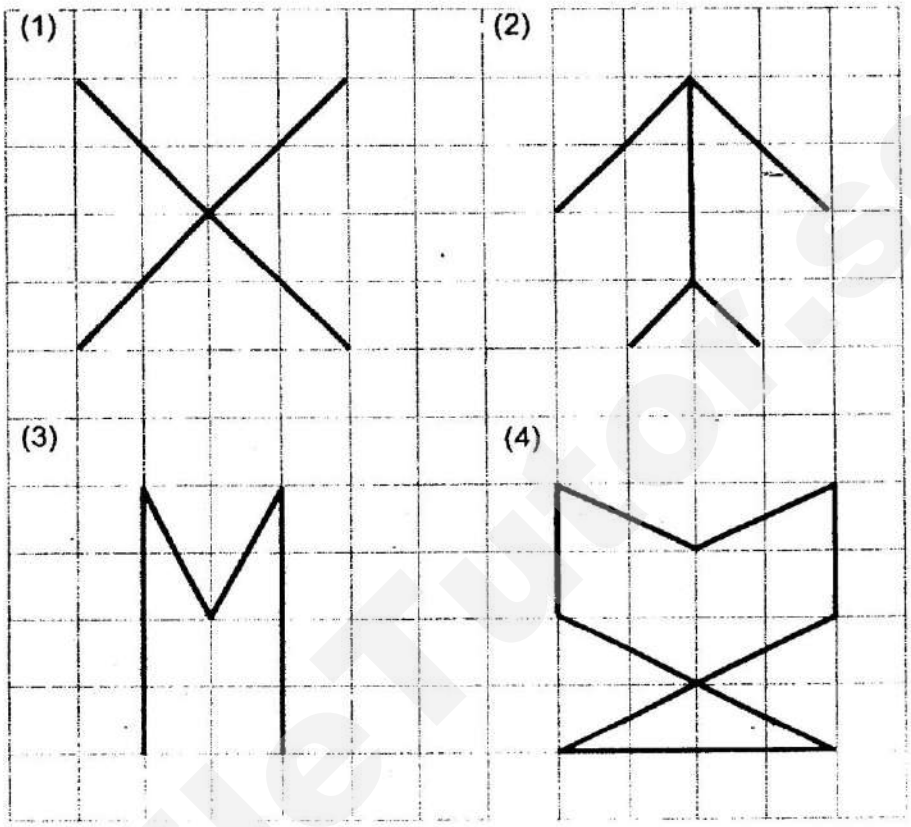
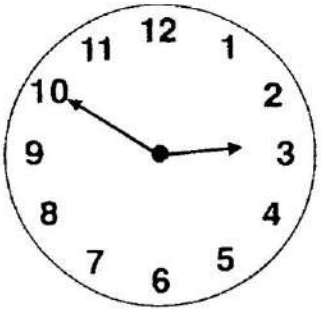
12. Which one of the following figures in the square grid below has both parallel lines and perpendicular lines?



13. The clock below shows 2.50 p.m. now. The minute-hand makes a half turn clockwise. What time will it be after the turn?



(1) 2.20 p.m.

(2) 3.20 p.m.

(3) 3.30 p.m.

(4) 3.50 p.m.

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14. Using all the digits given below, form the greatest 5-digit odd number.

5 , 8 , 0 , 2 , 1

(1) 85 210

(2) 85 201

(3) 81 025

(4) 10 285

15. Peter, John, Muthu and Albert speak a different foreign language, French, German, Japanese and Spanish, from each other. Each boy can only speak 1 foreign language. John speaks Spanish only. Peter does not speak German or French. Muthu speaks German only. Which foreign language does Albert speak?

(1) French

(2) German

(3) Japanese

(4) Spanish

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NANYANG PRIMARY SCHOOL

FIRST SEMESTRAL EXAMINATION 2018

PRIMARY 4

MATHEMATICS
(BOOKLET B)

Total Duration for Booklets A and B: 1 hour 45 minutes

INSTRUCTIONS TO PUPILS

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Name: _____ ( )

Class: Primary 4 ( )

Parent's Signature: _____

Booklet A	**/ 30**
Booklet B	**/ 70**
Total	**/ 100**

Any query on marks awarded should be raised by **17 May 2018**. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

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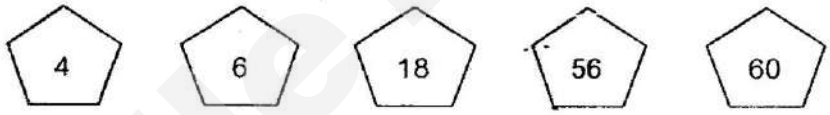
Questions **16** to **35** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

16. Write down **all** the common factors of 16 and 28.

Ans: _____

17. Circle the number which is a multiple of 8.



18. In the space below, draw ∠XYZ = 80° and line YZ = 5 cm.
Mark and label ∠XYZ.
The line XY has been drawn for you.

X Y

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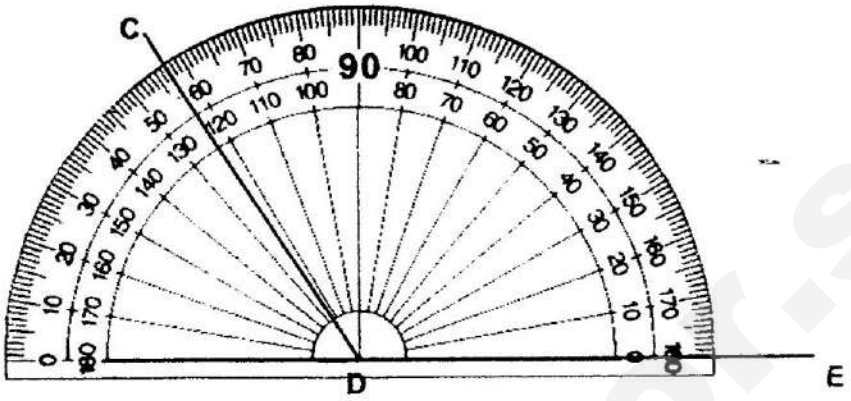
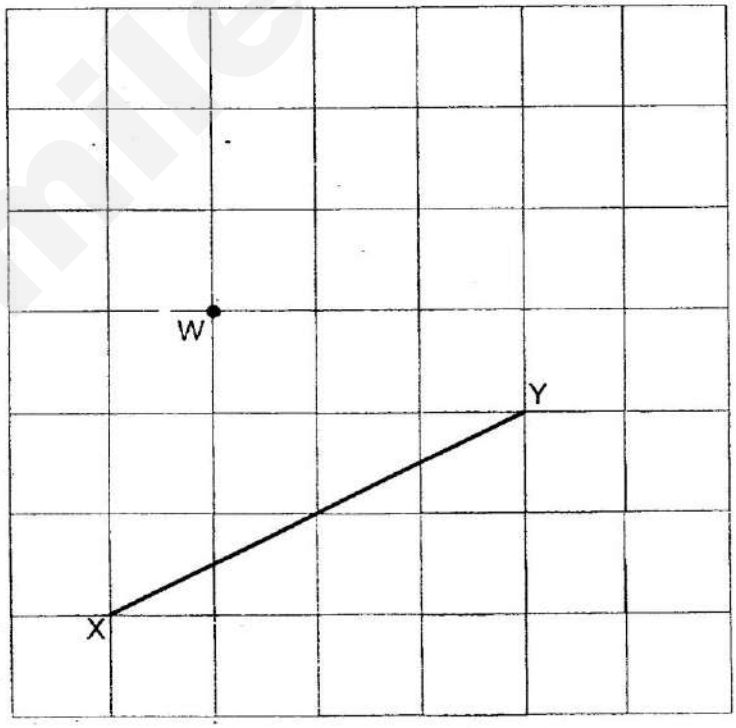
19. (a) What is the size of ∠CDE?



Ans: _____°

(b) The figure shows a straight line XY and a point W.
Draw a line perpendicular to line XY through point W.



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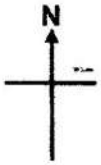
20. The square grid below shows the seating arrangement of students in a classroom.

Sophia (girl)	Kenny (boy)	Jia-En (girl)	Ravi (boy)
Max (boy)	Siti (girl)	Andie (boy)	Huiyin (girl)
Jay (boy)	Paul (boy)	Farah (girl)	Steve (boy)
Liting (girl)	Shane (boy)	Kumar (boy)	Kit (girl)



(a) Paul's brother is seated to the north of him. Who is his brother?

(b) Which student is seated south-west of Andie and south of Sophia?

Ans: (a) _____

(b) _____

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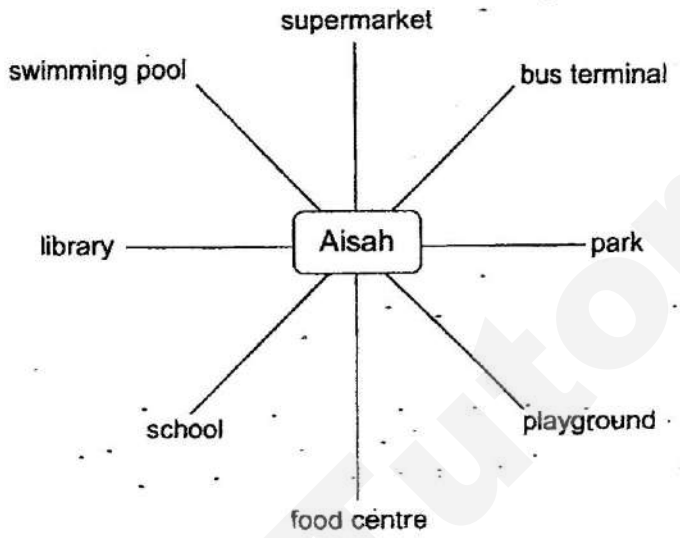
21. Aisah is facing the food centre now. How many degrees in the anti-clockwise direction must she turn if she wants to face the swimming pool?



Ans: _____ °

---

22. Complete the number pattern.

4584, 4884, 5184, 5484, _____, 6084

Ans: _____

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23. Find the product of 209 and 56.

Ans: _____

24. What is the remainder when you divide 2039 by 4?

Ans: _____

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25. Peter has more than 20 paper clips. He wants to pack the paper clips into boxes. He can pack all the paper clips into boxes of 6 with no left over. He can also pack all the paper clips into boxes of 9 with no left over. What is the smallest possible number of paper clips Peter can have?

Ans: _____

26. Meena has 3768 buttons. Nancy has 280 more buttons than Meena. Siti has 450 fewer buttons than Nancy. How many buttons does Siti have?

Ans: _____

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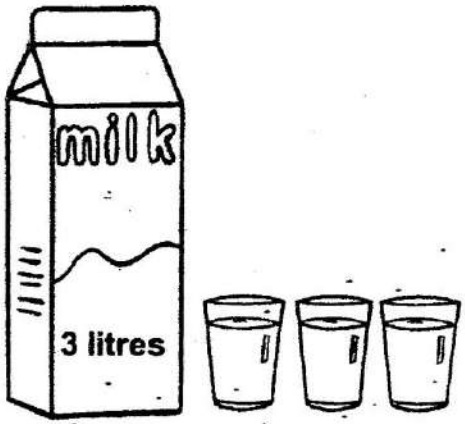
27. May bought a carton of milk as shown below. She poured out some of the milk into 3 glasses. Each glass contained $\frac{1}{5}$ litres of milk. How much milk was left in the carton? Express your answer as a mixed number in its simplest form.



Ans: _____ litres

28. What is the missing number in the box?

$$\frac{38}{5} = 7\frac{\boxed{?}}{10}$$

Ans: _____

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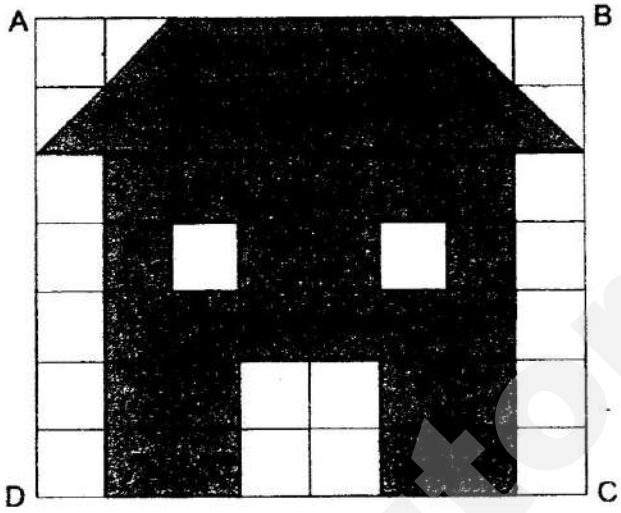
29. In the figure below, rectangle ABCD is made up of 56 unit squares. What fraction of rectangle ABCD is shaded?



Ans: _____

---

30. Mr Chin bought a cake. His son ate $\frac{2}{3}$ of the cake and his wife ate $\frac{1}{4}$ of the cake. What fraction of the cake was left?

Ans: _____

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31. Find the sum of 5 and $\frac{2}{3}$. Express your answer as an improper fraction in its simplest form.

Ans: _____

32. Amita spent $\frac{4}{9}$ of her money on clothes. She spent $\frac{1}{5}$ of her money on food. What fraction of her money did she spend more on clothes than on food? Express your answer in its simplest form.

_____

33. Sam jogged once every week. The distance that he jogged in a particular week was twice the distance that he jogged in the previous week. He jogged 700 m in the second week. What was the total distance that Sam jogged in the first 4 weeks?

Ans: _____ m

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34. A bag containing a book has a total mass of $\frac{5}{8}$ kg. The same bag containing 2 such books weighs $\frac{3}{4}$ kg. What is the mass of the bag when it is empty?

Ans: _____ kg

---

35. Linda had a piece of wire. She used $\frac{2}{9}$ of the wire to make a triangle and the rest of the wire to make a square. The difference between the perimeter of the square and the perimeter of the triangle was 60 cm. What was the length of the original wire that Linda had?

Ans: _____ cm

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For questions **36** to **43**, 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. **(30 marks)**

36. Faizal had 278 potatoes. He packed all the potatoes into boxes of 9 with some left over.

(a) How many boxes of 9 potatoes did Faizal pack?

(b) How many potatoes were left over?

Ans: (a) _____ [2]

(b) _____ [1]

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37. Jennifer bought some sweets for her friends. When she gave each of them 4 sweets, she would have 2 sweets left. When she gave each of them 5 sweets, she would need 3 more sweets. How many sweets did she buy?

Ans: _____ [3]

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38. The table below shows the heights and masses of 3 monsters.

Monster	Height	Mass
Happy 	$\frac{5}{8}$ m	$\frac{9}{10}$ kg
Pinky 	$\frac{3}{4}$ m	$\frac{2}{5}$ kg
Gulpy 	$\frac{2}{5}$ m	?

(a) What is the difference in height between Happy and Gulpy? Express your answer in its simplest form.

(b) The total mass of Pinky and Gulpy is $\frac{11}{12}$ kg. What is the mass of Gulpy?

Ans: (a) _____ [2]

(b) _____ [2]

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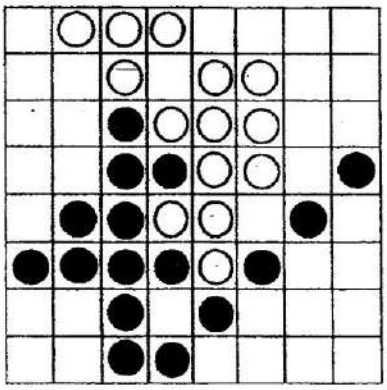
39. Mingren and Ravi are playing a game by placing discs on the squares of an 8 by 8 game board.



● Mingren: black disc

○ Ravi: white disc

(a) The board above shows the number of discs that each boy has placed currently. What fraction of the total discs shown on the board is white? Express your answer in its simplest form.

(b) When all the 64 squares of the game board is filled with discs, $\frac{5}{8}$ of the discs on the board are placed by Mingren. How many more black discs did Mingren add to the board above?

Ans: (a) _____ [1]

(b) _____ [3]

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40. Alison and Benny have 3753 beads altogether. Alison and Charles have 6389 beads altogether. The number of beads Charles has is three times that of Benny.

(a) How many beads does Benny have?

(b) How many beads does Alison have?

Ans: (a) _____ [2]

(b) _____ [2]

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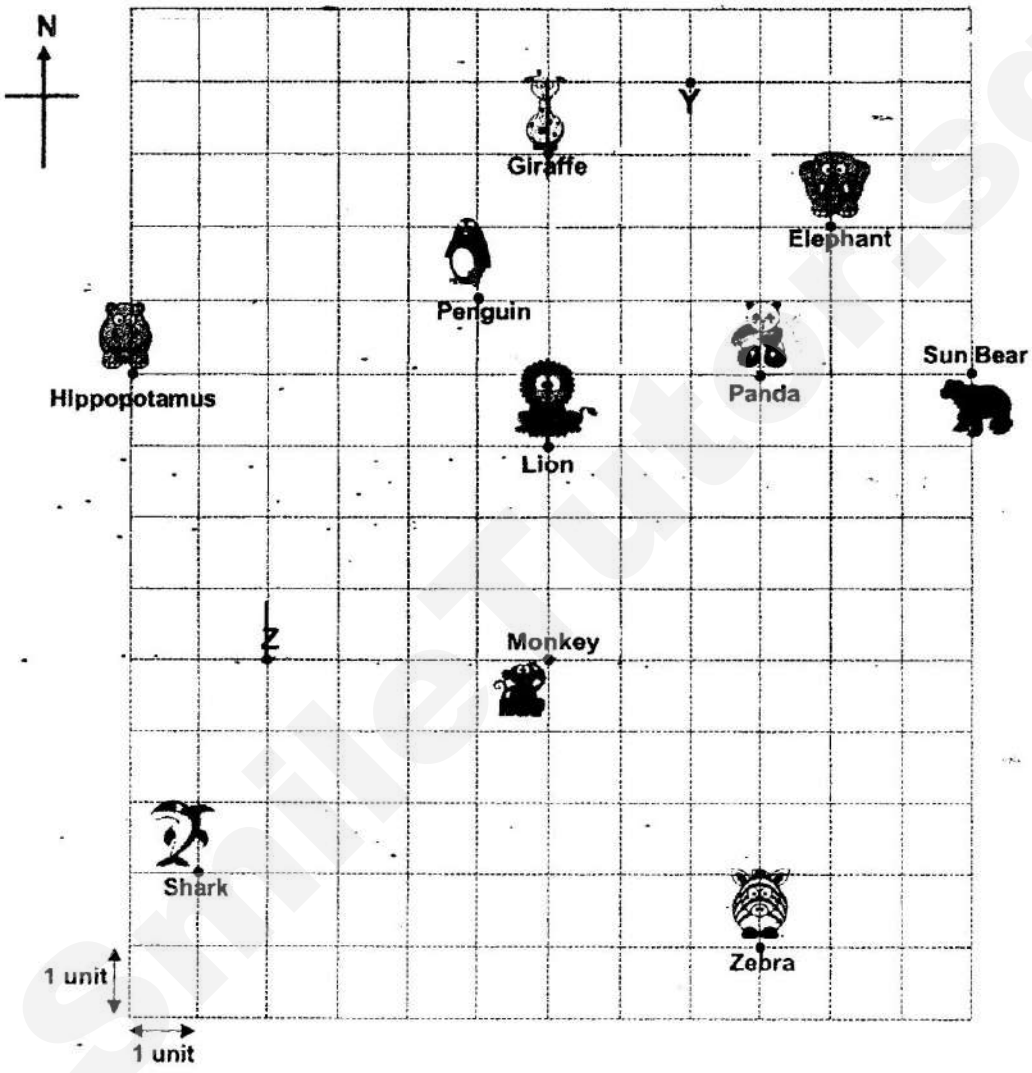
41. Alfie, Paige and Harry are at the zoo. The points on the square grid below show the location of some animal enclosures.



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(a) Alfie is at Point Y facing north-west. How many quarter turns in the clockwise direction must he make in order to see the penguin enclosure?

(b) Which animal enclosure is to the south of the lion enclosure?

(c) Harry is at Point Z. He turned north and walked 4 units. Then, he turned east and walked 7 units. Which animal enclosure will he reach?

(d) Paige was at a certain point on the square grid. She turned west and walked 5 units. Then, she turned south and walked 6 units and she reached the lion enclosure. Put a cross (X) on the square grid to show Paige's original position. [1]

Ans: (a) _____ [1]

(b) _____ [1]

(c) _____ [1]

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42. Yasmin uses matchsticks to form figures that follow a pattern as shown below.

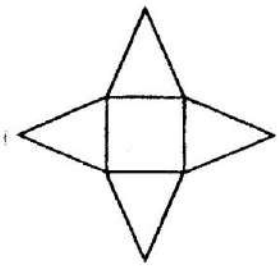

Figure 1

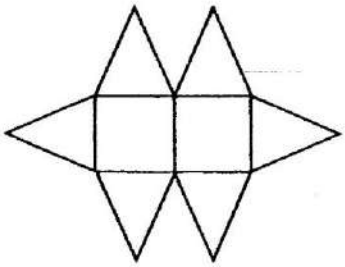

Figure 2

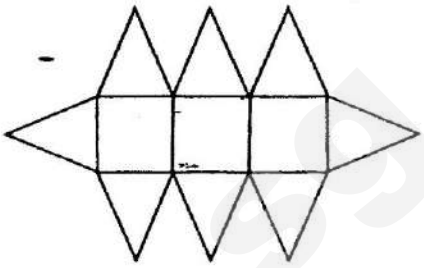

Figure 3

(a) The table shows the number of triangles and matchsticks for the first three figures. Complete the table for Figure 4.

Figure	Number of triangles	Number of matchsticks
1	4	12
2	6	19
3	8	26
4		

(b) How many triangles are there in Figure 7?

(c) How many matchsticks are used to form Figure 9?

Ans: (b) _____ [1]

(c) _____ [1]

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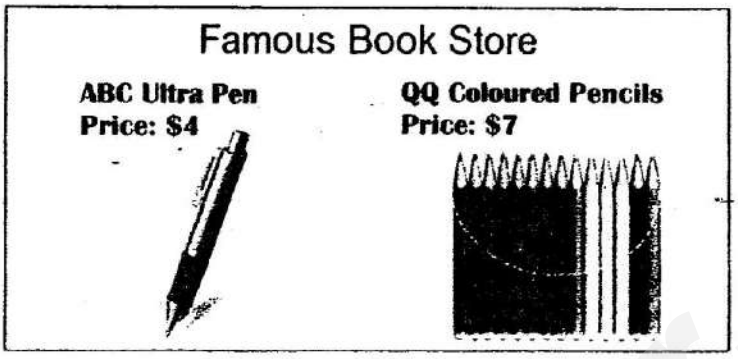
43. Mrs Koh went to a book store.



Mrs Koh spent $\frac{5}{12}$ of her money to buy some pens and $\frac{1}{4}$ of her money to buy a few boxes of coloured pencils. She had $112 left.

(a) What fraction of her money was left? Express your answer in its simplest form.

(b) How many boxes of coloured pencils did she buy?

Ans: (a) _____ [2]

(b) _____ [2]

End of Paper

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ANSWER KEY

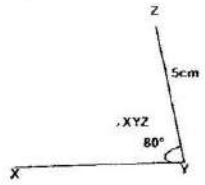
YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : NANYANG PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : SA1

BOOKLET A

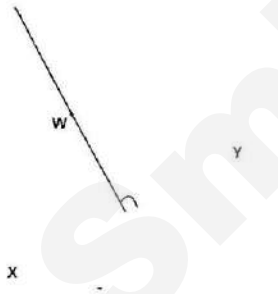
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	1	2	4	4	3	2	1	2
Q11	Q12	Q13	Q14	Q15					
4	2	2	2	1					

BOOKLET B

Q16) 1 , 2 , 4
Q17) 56
Q18)



Q19)a) 123°
b)



Q20)a) Kenny
b) Liting
Q21) 225°
Q22) 5784
Q23) 11 704
Q24) 3
Q25) 36
Q26) 3598
Q27) $2\frac{2}{5}$ *litres*
Q28) 6
Q29) $\frac{9}{14}$
Q30) $\frac{1}{12}$

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Q31) $\frac{17}{3}$

Q32) $\frac{11}{45}$

Q33) 5250 m

Q34) $\frac{1}{2}$ *kg*

Q35) 108 cm

Q36)a) (30)

b) (8)

$278 \div 9 = 30$ *Remaining* 8

Q37) (22)

Multiple of 4	4	8	12	16	20
+2	6	10	14	18	22 ✓
Multiple of 5	5	10	15	20	25
- 3	2	7	12	17	22 ✓

Q38)a) ($\frac{9}{40}m$)

$\frac{25}{40} - \frac{16}{40} = \frac{9}{40}$

b) ($\frac{31}{60}$ *kg*)

$\frac{55}{60} - \frac{24}{60} = \frac{31}{60}$

Q39)a) ($\frac{7}{15}$)

$\frac{14}{30} = \frac{7}{15}$

b) (24)

$64 \div 8 = 8$

$8 \times 5 = 40$

$40 - 16 = 24$

Q40)a) (1318)

$6389 - 3753 = 2636$

$2636 \div 2 = 1318$

b) (2435)

$3753 - 1318 = 2435$

Q41)a) 3

b) Monkey

c) Panda

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Q42)a)

Figure	Number of triangles	Number of matchsticks
4	10	33

b) 16

c) 68

Q43) a) $\left(\frac{1}{3}\right)$

$\frac{1}{12} + \frac{3}{12} = \frac{8}{12}$

$1 - \frac{8}{12} = \frac{4}{12} = \frac{1}{3}$

b) (12)

$112 \div 4 = 28$

$28 \times 3 = 84$

$84 \div 7 = 12$

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RAFFLES GIRLS' PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1
MATHEMATICS
PRIMARY 4

Name: _____ ( )

Math Teacher: _____ Form Class: P4 _____

Date: 7 May 2018 Duration: 1 h 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.

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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 digit 7 in 21 745 stands for _____.

   (1) 7
   (2) 70
   (3) 700
   (4) 7000

2. What is 48 552 rounded to nearest thousand?

   (1) 48 000
   (2) 48 500
   (3) 48 600
   (4) 49 000

3. Multiply 2756 by 8.

   (1) 22 048
   (2) 22 008
   (3) 21 648
   (4) 21 608

4. Divide 7063 by 7.

   (1) 19
   (2) 109
   (3) 1090
   (4) 1009

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5. 8 m 8 cm = _____ cm.

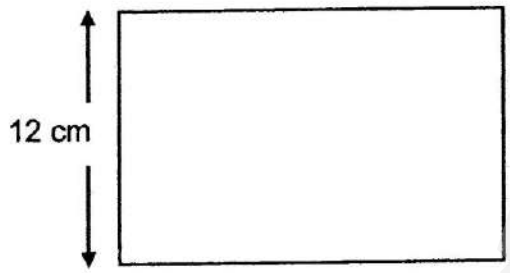
(1) 88

(2) 808

(3) 880

(4) 8008

6. The perimeter of the rectangle is 60 cm. Find its length.



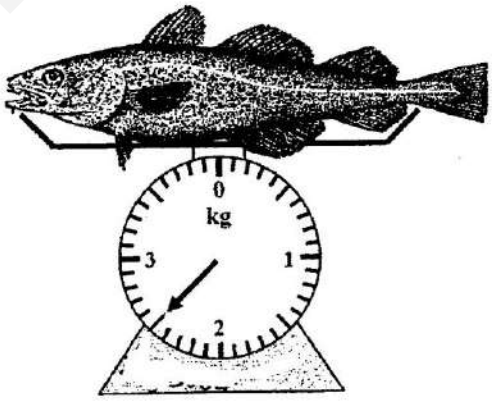
(1) 5 cm

(2) 18 cm

(3) 24 cm

(4) 36 cm

7. What is the mass of the fish shown below?



(1) 2 kg 5 g

(2) 2 kg 50 g

(3) 2 kg 500 g

(4) 25 kg

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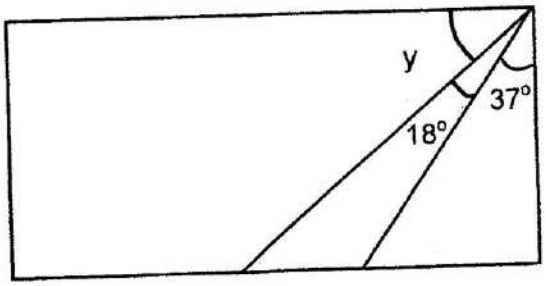
8. The figure below is a rectangle. Calculate $\angle y$.



(1) 35°

(2) 53°

(3) 55°

(4) 72°

9. $\frac{\square}{6} = \frac{6}{9}$

(1) 5

(2) 2

(3) 3

(4) 4

10. Add $\frac{5}{8}$ to $\frac{1}{4}$.

(1) $\frac{6}{8}$

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

(3) $\frac{6}{12}$

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

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11. Subtract $\frac{5}{12}$ from $\frac{2}{3}$.

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

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

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

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

12. Which of the numbers below are NOT factors of 16?

(1) 1 and 8
(2) 2 and 4
(3) 6 and 32
(4) 8 and 16

13. I am a multiple of 5. When 4 is added to me, I become a multiple of 7 that is less than 50. What number am I?

(1) 9
(2) 35
(3) 45
(4) 49

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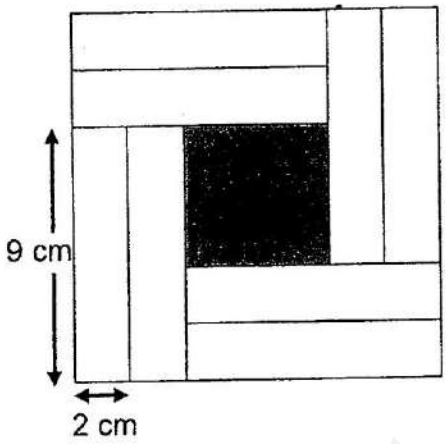
14. The figure below is made up of 8 identical rectangles and 1 shaded square.
The length of each rectangle is 9 cm and its breadth is 2 cm.
Find the area of the shaded square.



(1) 16 cm^2
(2) 18 cm^2
(3) 25 cm^2
(4) 49 cm^2

15. Mrs Ho bought jelly beans for her pupils on Children's Day.
She packed 45 jelly beans into each small packet.
One packet of jelly beans was given to each of her 140 pupils.
How many jelly beans did Mrs Ho buy?

(1) 1260
(2) 1269
(3) 6300
(4) 6345

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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.

---

16. Arrange the numbers below from the largest to the smallest.

1068, 1608, 1680, 1086

Ans: _____

17. The area of a rectangle is 126 cm^2. Its breadth is 7 cm.
Find the length of the rectangle.

Ans: _____

18. Find the missing number in the number pattern shown below.

2708, 2808, 2908, _____, _____, 3208

Ans: _____ and _____

19. The area of a square is 36 cm^2. What is the perimeter of the square?

Ans: _____ cm

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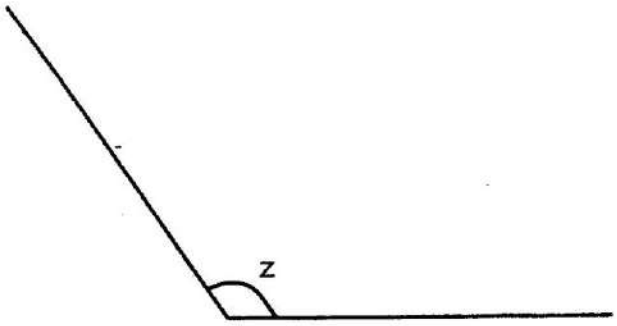
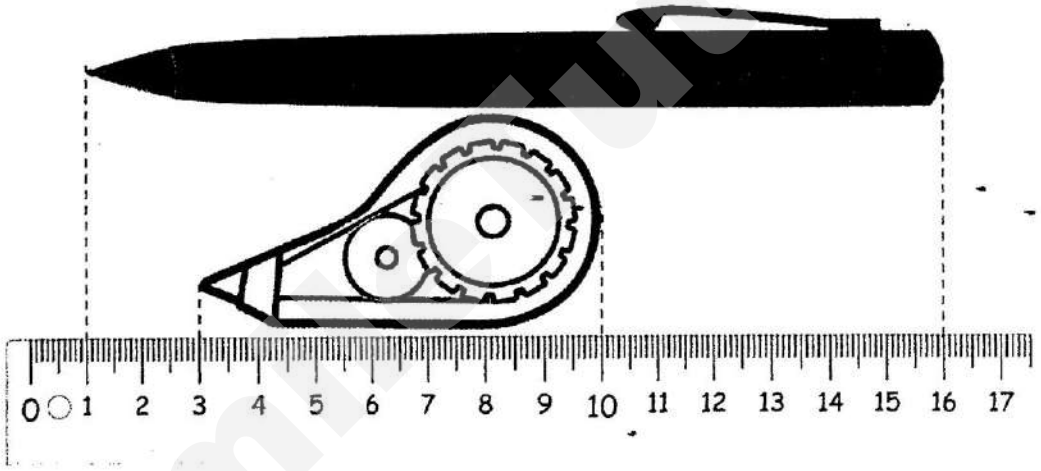
20. Measure ∠ z.



Ans: _____°

21. What is the difference between the length of the pen and the correction tape shown below?



Ans: _____ cm

22. The perimeter of a square is 60 cm. Find the area of the square.

Ans: _____ cm^2

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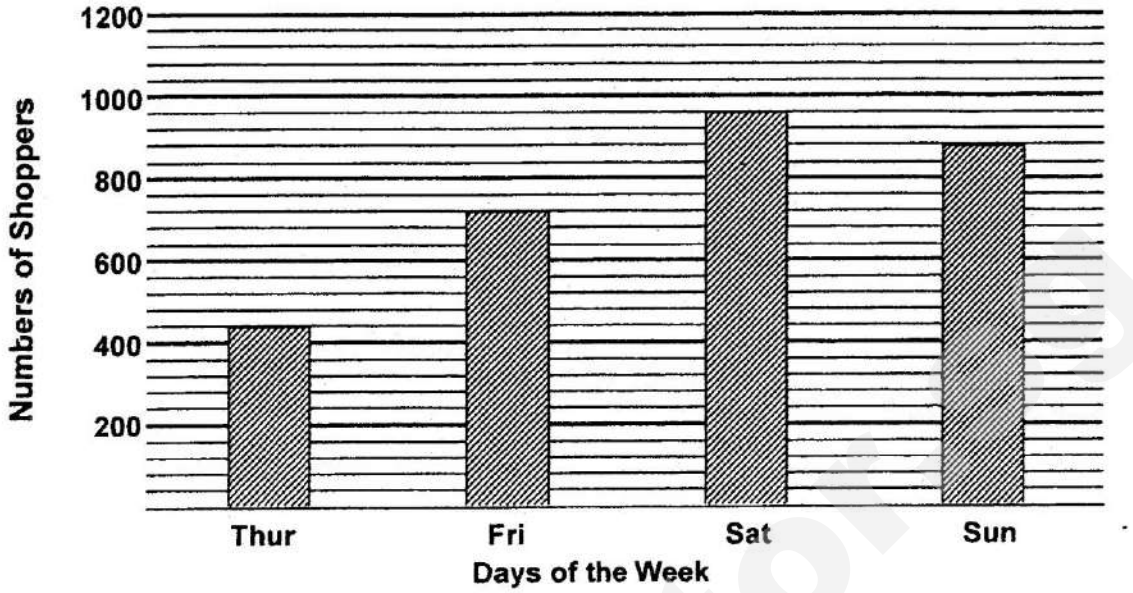
The bar graph below shows the number of shoppers at a shopping mall from Thursday to Sunday. Use the information and answer questions 23 and 24.



23. How many shoppers were at the shopping mall on Friday?

Ans: _____

24. What is the difference in the number of shoppers between the day with the largest number of shoppers and the day with the lowest number of shoppers?

Ans: _____

25. Find the sum of all the common factors of 16 and 24.

Ans: _____

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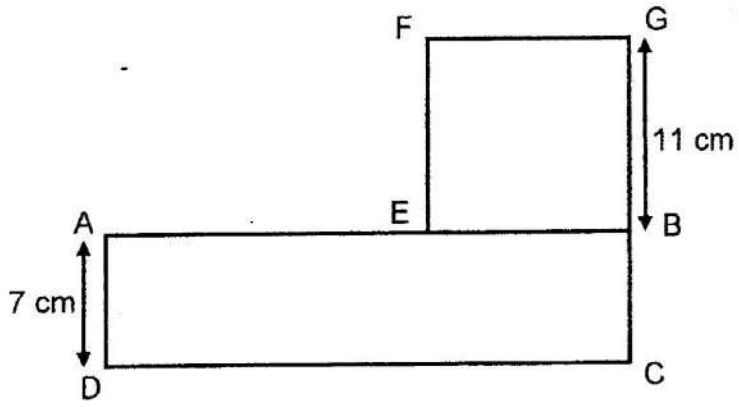
26. The figure below is made up of rectangle ABCD and square BEFG. The length of CD is four times the length of AD. Find the length of AE.



Ans: _____ cm

27. When a number is divided by 12, it has a quotient of 564. What is the number?

Ans: _____

28. Kenny bought a laptop for $2340. He paid $1872 less for a printer. How much did Kenny spent altogether?

Ans: $ _____

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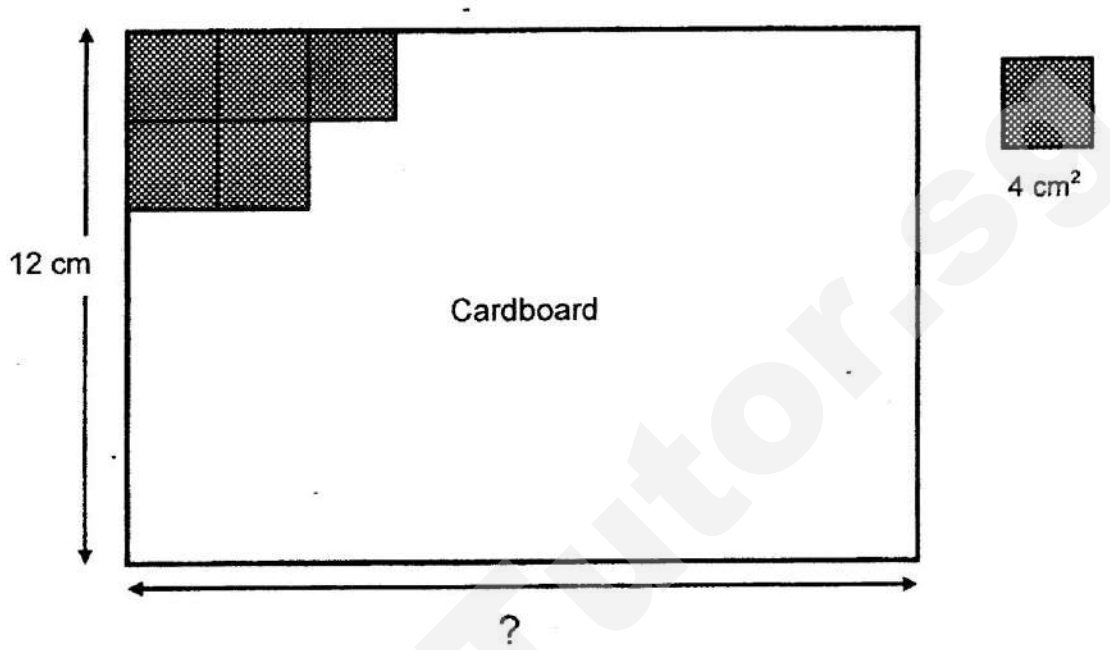
29. Jabelle had a piece of rectangular cardboard with a width of 12 cm.
She covered it completely by pasting 78 pieces of square coloured paper, without overlapping. The area of each piece of square coloured paper is 4 cm^2.
Find the length of the cardboard.



Ans: _____ cm

30. Draw ∠ABC = 48° using the given line. Mark and label the angle.

A B

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31. What is the first common multiple of 6 and 9 in which the digit in the ones place is twice the digit in its tens place?

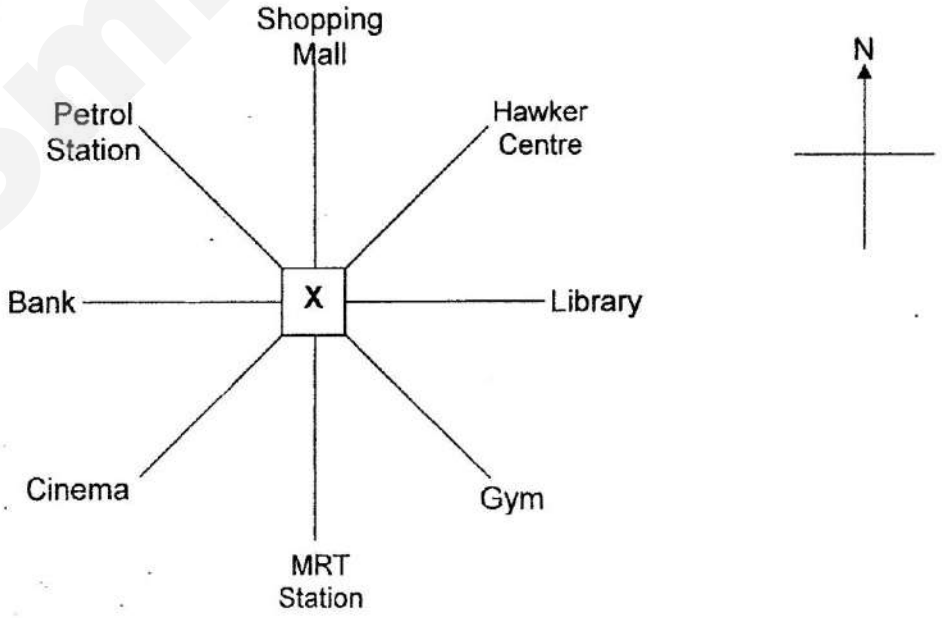
Ans: _____

32. Arrange the fractions from the smallest to greatest.

$\frac{3}{4}$, $\frac{5}{6}$, $\frac{7}{12}$

Ans: _____

33. Look at the diagram below. Xavier is standing at point X facing north-east now. He turns through an angle of 225° in the anti-clockwise direction. Where will he be facing after the turn?



Ans: _____

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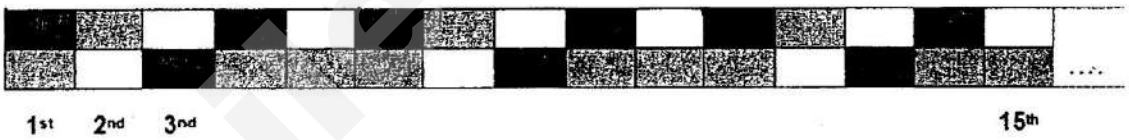
34.

Entrance Fee to Theme Park	
Adult	$78
Child	$65

Ben and his younger sister went to the theme park with their parents and grandfather to celebrate Ben's 10th birthday. Ben's father gave the cashier $400 to pay for the entrance fees. How much change did Ben's father receive?

Ans: $ _____

35.



A repeated pattern is formed using black, grey and white tiles.
The first 15 columns of the patterns are shown above.
What is the total number of grey and black tiles in the first 55 columns?

Ans: _____

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SECTION C (35 marks)

For questions 36 to 44, show your working clearly in the space provided below each question and write your answers with suitable units in the spaces provided. All diagrams are not drawn to scale. 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. There were 12 250 animals in a farm. There were 7380 chickens and the rest were ducks. How many more chickens than ducks were there?

Ans: _____ [3]

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37. Henry bought 2 books from his school bookshop.
The mass of Book A was 258 g and the mass of Book B was 3 times as heavy as Book A.
What was the total mass of both the books?

Ans: _____ [3]

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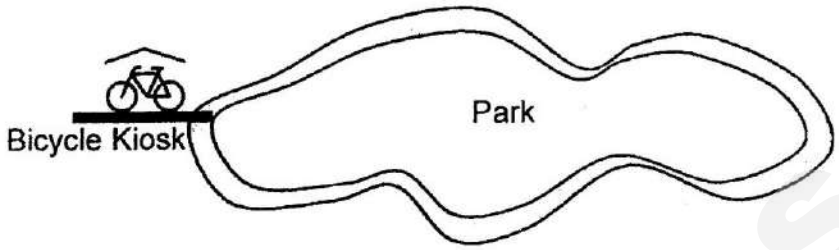
38. Diana, Elsie and Frank went cycling in a park. They started off at the bicycle kiosk at 8 a.m. Diana, Elsie and Frank each took 3 min, 4 min and 6 min respectively to cycle around the park and be back at the bicycle kiosk again. At what time would all three of them be back at the bicycle kiosk together again for the second time?



Ans: _____ [3]

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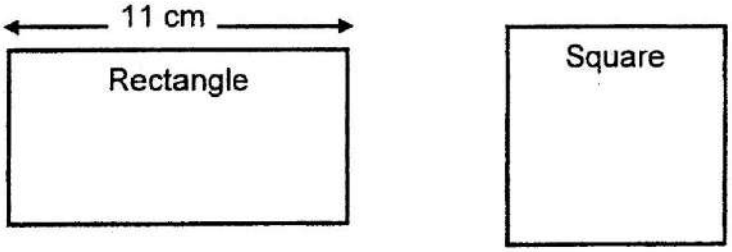
39. Ella had 2 pieces of wire of equal length. She bent the first wire to form a rectangle with an area of 77 cm^2. She bent the second wire to form a square. What was the difference in the area of the rectangle and the square?



Ans: _____ [4]

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40.



At a bakery, 3 cupcakes were sold for $8. Sahana bought 258 cupcakes and received a change of $12 from the cashier.

How much money did Sahana give to the cashier?

Ans: _____ [4]

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41. Su Ling planned to finish reading her new storybook in 18 days by reading 26 pages a day. In the end, she managed to finish the storybook 6 days earlier. How many pages did Su Ling read in a day if she read the same number of pages every day?

Ans: _____ [4]

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42. Claire baked 450 cookies on Monday. She baked 130 more cookies on Tuesday than on Monday. On Wednesday, she baked 210 less cookies than on Tuesday. How many cookies did she bake altogether?

Ans: _____ [4]

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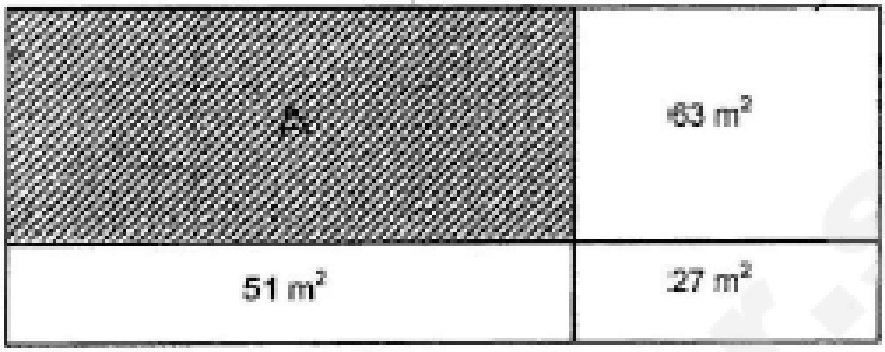
43. A farmer bought a rectangular piece of land. He divided it into 4 parts as shown below to grow different kinds of vegetables.

(a) Find the perimeter of the land he bought.

(b) Find the area of the shaded part of land.



Ans: a) _____ [3]

b) _____ [2]

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44. Mr Tan had 186 mangoes, grapefruits and apples.

There were 8 fewer mangoes than grapefruits.

The number of apples was 2 times the total number of mangoes and grapefruits.

Mr Tan packed all the apples into bags of 4 and sold each bag for $5.

How much money did he collect from the sale of all the apples?

Ans: _____ [5]

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : RAFFLES GIRLS' PRIMARY
SUBJECT : MATHEMATICS
TERM : SA1

SECTION A

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

SECTION B

Q16) 1680, 1608, 1086, 1068

Q17) 28

Q18) 3008 and 3108

Q19) 24

Q20) 125

Q21) 8

Q22) 400

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Q23) 720

Q24) 520

Q25) 15

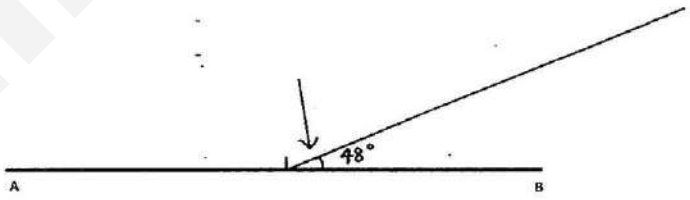
Q26) 17

Q27) 6768

Q28) 2808

Q29) 26

Q30) *Check angle on protractor, as long as angle states 48 against the straight line, mark is given.



Q31) 36

Q32) $\frac{7}{12}, \frac{3}{4}, \frac{5}{6}$

Q33) MRT station

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Q34) 40

Q35) 77

SECTION C

Q36) 12250 – 7380 = 4870
7380 – 4870 = 2510

Q37) Mass of B = 258 x 3
= 774

Altogether = 258 + 774
= 1032g

Q38) D: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42
E: 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48
F: 6, 12, 18, 24, 30, 36, 42, 48, 54, 60

8am + 24mins (2nd time) = 8.24am

Q39) 77 ÷ 11 = 7

Perimeter of rectangle = 11 + 7 + 11 + 7
= 36

36 ÷ 4 = 9
9 x 9 = 81

81 – 77 = 4cm2

Q40) 258 ÷ 3 = 86
86 x 8 = 688
688 + 12 = $700

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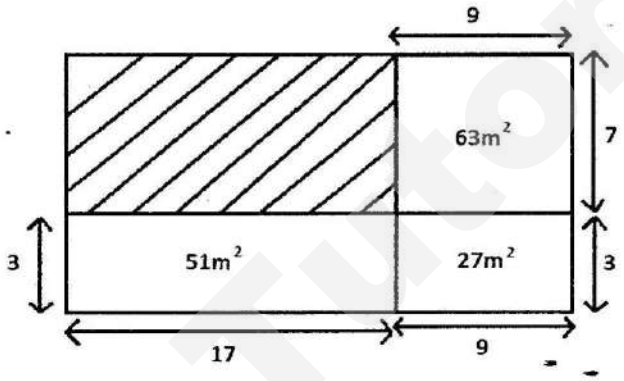
Q41) 18 x 26 = 468
18 – 6 = 12
468 ÷ 12 = <u>39</u>

Q42) Tuesday → 450 + 130 = 580
Wednesday → 580 – 210 = 370
Altogether → 580 + 370 + 450 = <u>1400</u>

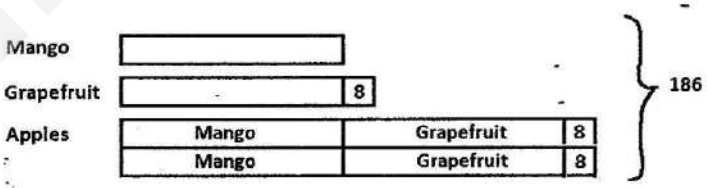
Q43a)



26 + 26 + 10 + 10 = <u>72cm</u>

Q43b) 17 x 7 = <u>119m²</u>

Q44)



8 x 3 = 24
186 – 24 = 162
162 ÷ 6 = 27
27 x 4 = 108
108 + 8 + 8 = 124
124 ÷ 4 = 31
31 x 5 = <u>$155</u>

END

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SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2018

PRIMARY 4

MATHEMATICS

BOOKLET A

3 May 2018

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 _5__ printed pages. (Inclusive of cover page)

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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 76 235, the digit 7 has the value of _____.

   (1) 70
   (2) 700
   (3) 7000
   (4) 70 000

2. Which one of the following is the same as 2500?

   (1) 25 ones
   (2) 25 tens
   (3) 25 hundreds
   (4) 25 thousands

3. What is 1000 less than 80 008?

   (1) 79 008
   (2) 79 108
   (3) 80 108
   (4) 81 008

4. Round off 39 490 to the nearest thousand.

   (1) 39 000
   (2) 39 500
   (3) 40 000
   (4) 40 500

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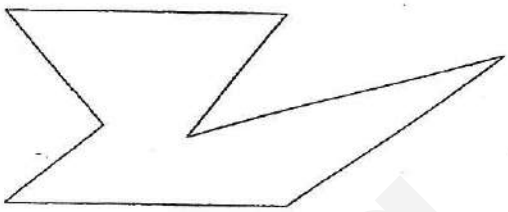
(2) 56

(3) 64

(4) 72

6. How many angles **inside** the figure shown below are **greater** than a rig



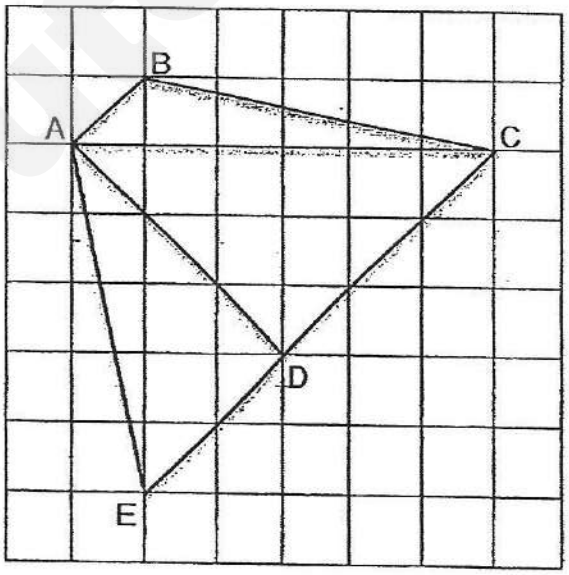
(1) 1

(2) 2

(3) 3

(4) 4

7. In the figure below, which of the following lines is parallel to AB?



(1) AD

(2) AE

(3) BC

(4) ED

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8. Which one of the letters has no lines of symmetry?

L	O	V	E
(1)	(2)	(3)	(4)

9. I am an odd number.
I am a multiple of 3 and a factor of 30.
I am greater than 10.
What number am I?

(1) 9
(2) 15
(3) 21
(4) 27

10. Lily spent $\frac{1}{5}$ of her savings on a bag. She also bought a pair of shoes for $35 and had $65 left. How much savings did she have at first?

(1) $100
(2) $120
(3) $125
(4) $500

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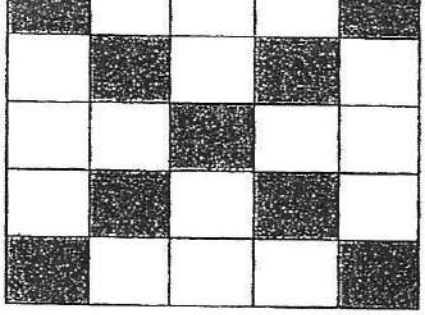


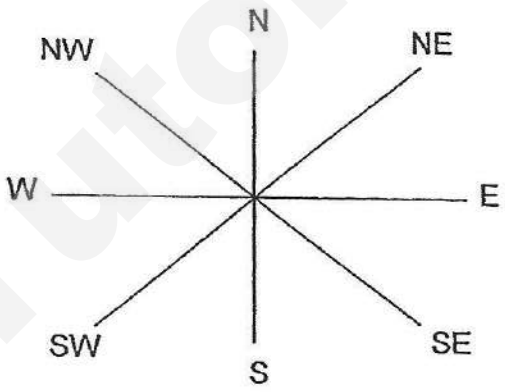
(1) 6

(2) 9

(3) 10

(4) 15

12. Look at the 8-point compass below.



When Amy turned 225° in an anti-clockwise direction, she would face W
Where was she facing at first?

(1) NE

(2) SE

(3) E

(4) S

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(1) 12
(2) 24
(3) 36
(4) 60

14. Father paid $240 for 3 shirts and a jacket. The jacket cost twice as mu
shirt. How much did Father pay for the jacket?

(1) $48
(2) $60
(3) $80
(4) $96

15. Kayla is 16 years old. Mona is 4 years older than her. In how many years
their total age be 70 years?

(1) 17
(2) 20
(3) 34
(4) 36

End of Booklet A

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SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2018

PRIMARY 4

MATHEMATICS

BOOKLET B

Name : _____( )

Class : Primary 4

3 May 2018

		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 _15_ printed pages. (Inclusive of cover page)

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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 20 711 in words.

17. Look at the number pattern below and fill in the missing number.

26 300 , 26 450 , 26 600, ___?___ , 26 900

Ans : _____

18. Here are five number cards.

4	5	2	8	1

Arrange these cards to form the smallest 5–digit **odd** number.

Ans : _____

6

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Ans : _____

20. 345 x 68 = ☐

Ans : _____

21. What is the remainder when 4385 is divided by 3?

Ans : _____

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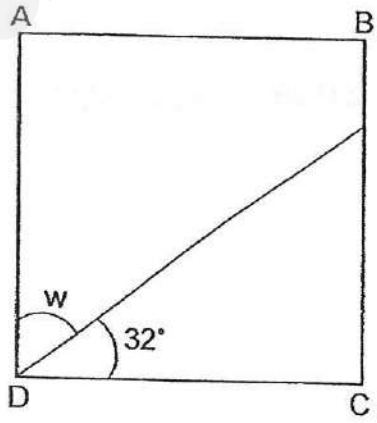
Ans : _____

23. Arrange the following in increasing order.

$$1, \frac{5}{4}, \frac{5}{6}, \frac{2}{3}$$

Ans : _____, _____, _____, _____
(smallest)

24. ABCD is a square. Find $\angle w$.



Ans : _____

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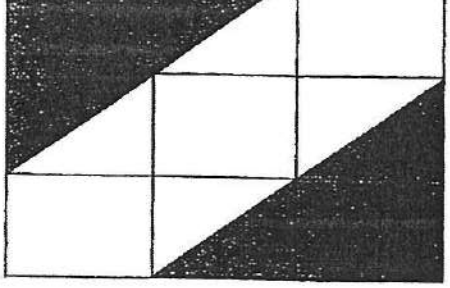
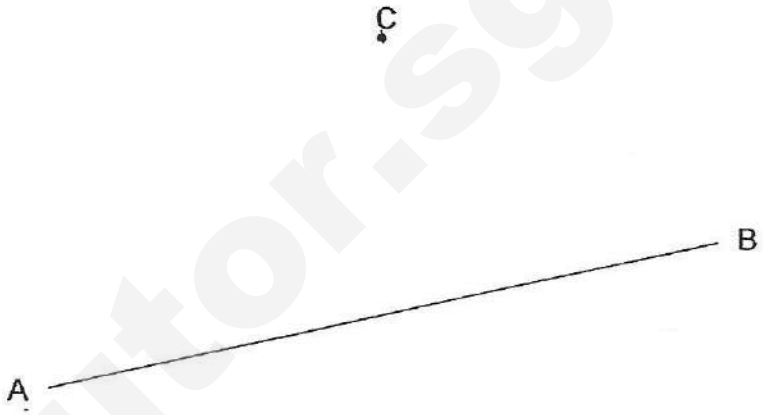


Ans : _____

---

26. Draw a line perpendicular to AB passing through point C.



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27. Draw and label an angle such that $\angle PQR$ is equal to $130°$.



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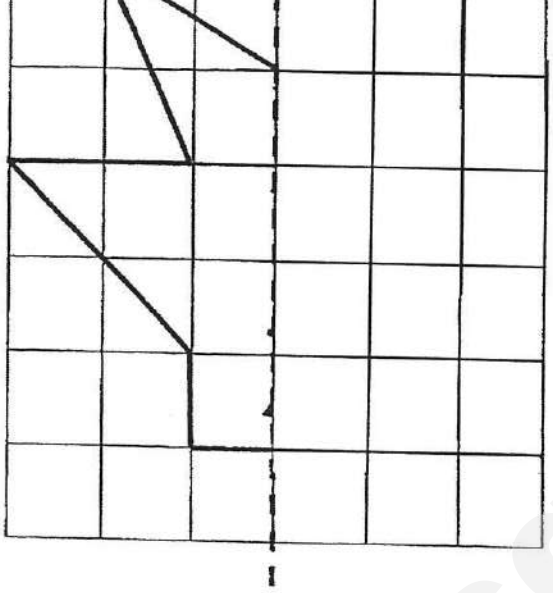
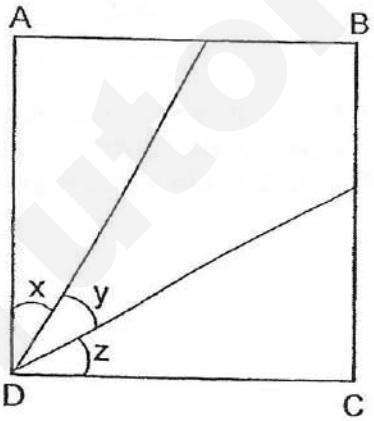


29. ABCD is a square. $\angle x = \angle y = \angle z$. Find $\angle x$.



Ans : _____

30. If $\frac{4}{7}$ of a number is 20, what is the number?

Ans : _____

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Ans : $ _____

32. The number of English story books in the school library is 3 times the num
of Chinese story books. There are 1221 English story books.
How many more English story books than Chinese story books are there?

Ans : _____

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Ans : _____

34.



Isabel needs to buy 20 chocolate bars as gifts. How much does she hav
pay if she gets them from Chocolate Empire?

Ans : $_____

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Ans : _____

END OF SECTION B

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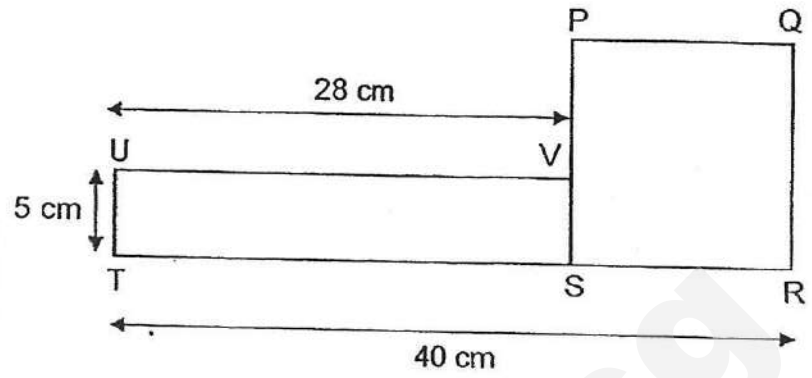
or part-question.

36. In the figure below, PQRS is a square and UVST is a rectangle.



a) Find QR.

b) Find PV.

Ans: a) _____

b) _____

37. Mrs Lee bought 8 kg of cherries. She gave $\frac{1}{4}$ of it to her friend and ate $\frac{1}{2}$ kg

How much cherries had she left?

Ans: _____

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boxes were left unsold. How much money was collected from the sale of the cupcakes?

Ans: _____

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Sunday than on Saturday?

Ans: _____

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How many blouses did she buy?

Ans: _____

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Ans: _____

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Ans: _____

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b) How many marbles did Joe have at first?

Ans: a) _____

b) _____

END OF PAPER
PLEASE CHECK YOUR WORK

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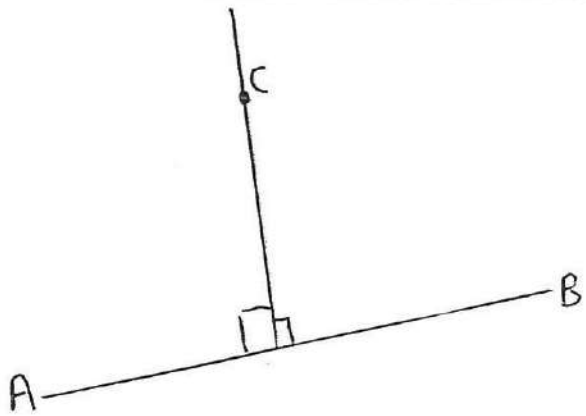
SCHOOL : SCGS PRIMARY SCHOOL

LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2018 SA1

BOOKLET A

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

BOOKLET B

Q16)	Twenty thousand, seven hundred and eleven
Q17)	26750
Q18)	12485
Q19)	1,2,8,4,16
Q20)	23460
Q21)	2
Q22)	1
Q23)	2/3 , 5/6 , 1 , 5/4
Q24)	58°
Q25)	4/9
Q26)	

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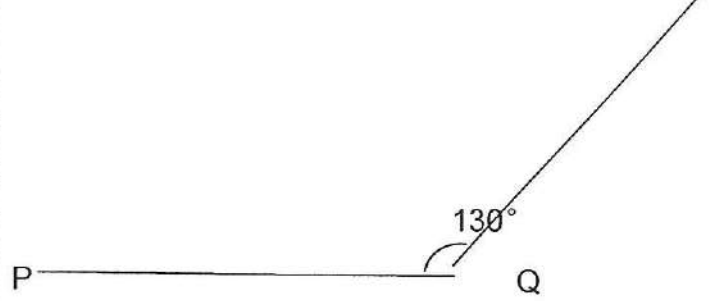
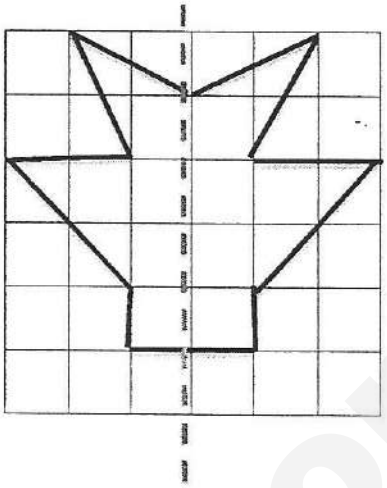


Q28)	
Q29)	30°
Q30)	35
Q31)	9u→$108 1u→$108 ÷ 9 = $12 Huiling→$12 x 8 = $96
Q32)	3u→1221 1u→407 407 x 2 = 814
Q33)	4u→330 – 50 = 280 1u→280 ÷ 4 = 70
Q34)	15 x $4 = $60
Q35)	1u→90 ÷6 = 15

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	30 ÷ 2 = 30
Q36)	a)40cm – 28cm = 12cm b)12cm – 5cm = 7cm
Q37)	Friends→ ¼ x 8 = 2kg Ate → ½ kg Left→8kg – 2kg – ½ = 5½ kg
Q38)	1 box has 6 cupcakes . 1 box $12 120 cupcakes ÷6 = 20 boxes Sold = 20 – 3 = 17 1 box $12 17 boxes = $12 x 17 = $204
Q39)	11/11 – 5/11 – 2/11 = 4/11 4u→180 1u→45 Sunday→45 x 5 = 225 Saturday→45 x 2 = 90 225 – 90 = 135
Q40)	Assumption: Asume all are Jeans 30 x 30 = 900 900 – 730 = 170 Diff = 30 – 20 = 10 170 ÷10 = 17
Q41)	2 story book→$48 ÷ 2 = $24 1 comic →$24 ÷3 = $8 5 comic →$8 x 5 = $40
Q42)	$30 x 4 = $120 $300 – $120 = $180 $180 ÷5 = $36

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	Joe in the end → 48 x 3 = 144 144 – 34 = 110 a)48 b)110

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2018 PRIMARY 4 SEMESTRAL ASSESSMENT 1

Name: _____ ( )

Date: 11 May 2018

Class: Primary 4 ( )

Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature: _____

Marks: _____ / 100

MATHEMATICS

PAPER 1

(Booklet A and Booklet B)

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. The duration for Paper 1 is 1 hour.

Booklet A	20
Booklet B	40
Paper 2	40

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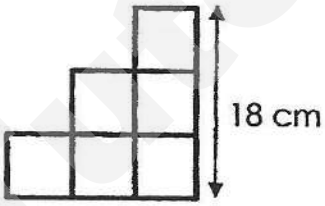
For each question, four options are given. One of them is the correct ans
Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (20 ma

---

1. 20 km 50 m = _____ m

(1) 2050
(2) 20 005
(3) 20 050
(4) 20 500

2. The figure is made up of 6 identical squares. What is the area of th figure?



(1) 36 cm²
(2) 108 cm²
(3) 216 cm²
(4) 324 cm²

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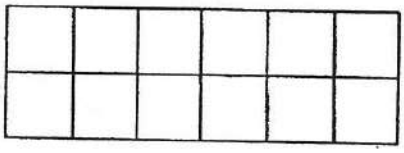
How long was her bus ride?

(1) 20 minutes
(2) 25 minutes
(3) 30 minutes
(4) 35 minutes

4. $\frac{3}{10} + \frac{2}{5} =$ _____

(1) $\frac{1}{5}$
(2) $\frac{4}{10}$
(3) $\frac{7}{10}$
(4) $\frac{5}{15}$

5. A rectangle is divided into 12 equal parts. How many more parts must be shaded so that half of the figure is shaded?



(1) 5
(2) 6
(3) 7
(4) 8

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(1) 359 000

(2) 350 000

(3) 349 000

(4) 340 000

7. $\frac{1}{2}$ of a number is 16. What is $\frac{3}{4}$ of the number?

(1) 32

(2) 24

(3) 12

(4) 8

8. Jessie spent $\frac{1}{6}$ of her money on a file. She also bought a book for $12. She then had $18 left. How much was the file?

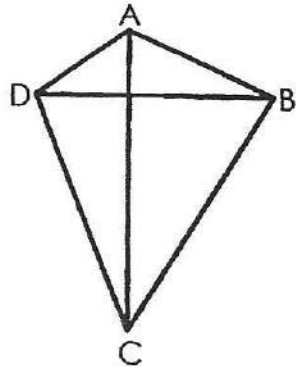
(1) 1

(2) 5

(3) 6

(4) 30

9. How many right angles are there in the figure?



(1) 12

(2) 8

(3) 6

(4) 4

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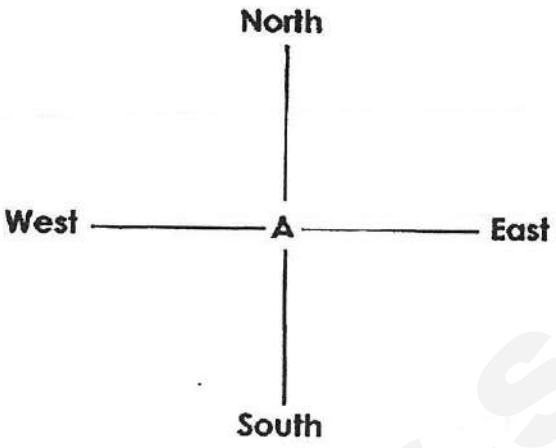
clockwise direction, she makes a $\frac{1}{2}$ turn in a clockwise direction.

What direction does she end up facing?



(1) North-West

(2) North-East

(3) South-West

(4) South-East

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Write your answers in the boxes provided. For questions which require u
give your answers in the units stated. (40 mar

11. Write 45 390 in words.

12. Complete the following number pattern.

63 862, 62 862, 61 862, 60 862, _____

13. Find the quotient and remainder.

$6\overline{)6842}$

Quotient ___

Remainder ___

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Each digit can be used only once.

7	3	8	4

15. What are the first 2 common multiples of 4 and 6?

_____ and _____

16. $\frac{1}{5}$ of 15 is _____.



17. Arrange the following fractions in decreasing order.

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

_____, _____, _____

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19. The table below shows a movie schedule at a cinema.

Screening Now		
Movie Show	**Start Time**	**Duration of Movie**
The Jingle Story	11.00 a.m., 2.00 p.m.	1 h 45 min
Finding Doby	3.05 p.m., 7.00 p.m.	2 h 35 min
Night Monsters	3.15 p.m., 7.15 p.m.	2 h 15 min

Samuel arrives at the cinema at 3.10 p.m. His father will pick him up a
6.00 p.m. Which movie could Samuel watch from the start to the end

20. Kaiming jogs for 20 minutes at the park every evening.
What is the total time he spends jogging per week?

_____ h _____ m

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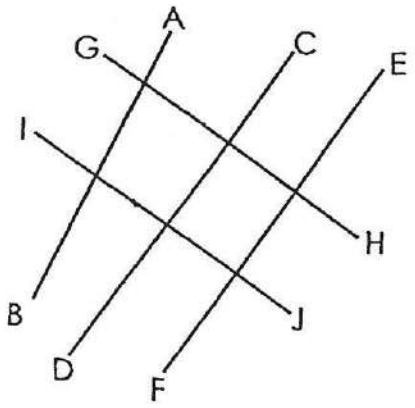
$\angle PQR = 125°$



22. Jun Bin has sixteen coins that add up to $5. There are 50-cent coins and 20-cent coins. How many 50-cent coins does he have?

23. Line GH is parallel to Line _____.



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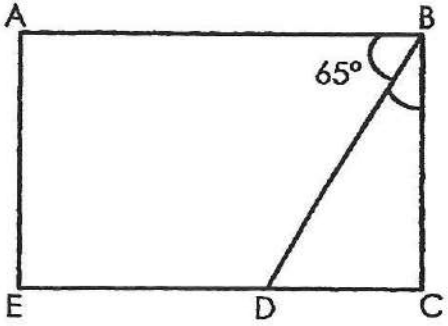
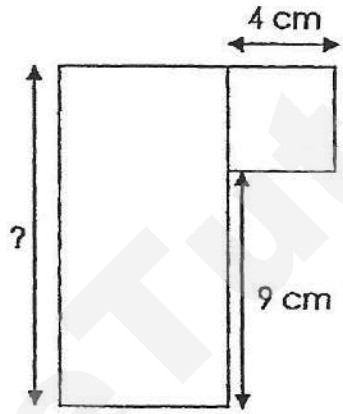


25. The figure is made up of a rectangle and a square. What is the length of the rectangle?



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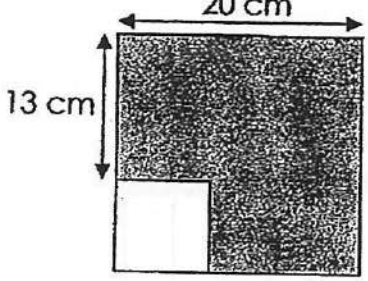
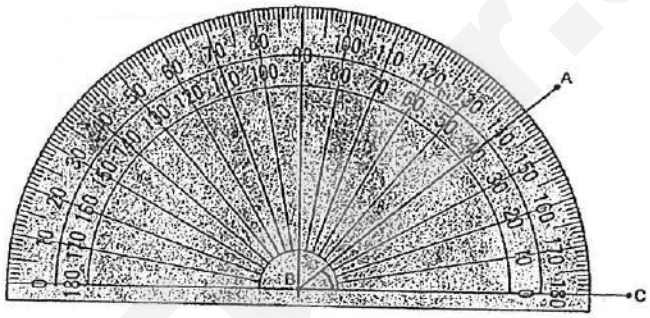


27. Find $\angle ABC$.



28. The perimeter of a rectangular garden is 100 m. Its length is 35 m. Find the breadth of the rectangular garden.

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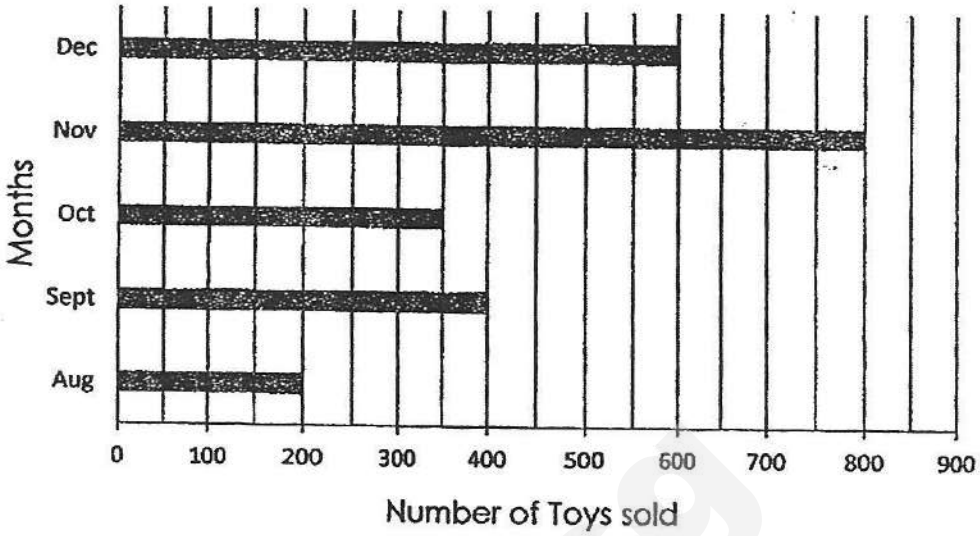

29. How many more toys were sold in December than in October?

30. In which month were the number of toys sold half of the number sold i September?

End of Paper 1

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2018 PRIMARY 4 SEMESTRAL ASSESSMENT 1

Name: _____( ) Date: 11 May 2018

Class: Primary 4 ( ) Time: 11.00 a.m. – 12 noon.

Parent's Signature: _____

MATHEMATICS
PAPER 2

40

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Show your working clearly as marks are awarded for correct working.
6. The duration for Paper 2 is 1 hour.

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1. Wei Min had 555 game cards. He packed them equally into 5 box
He gave 2 of the boxes to his cousin. How many game cards had
Min left?

Wei Min had _____ game cards left.

Ans: _____

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b) What is their total age in 2 years' time?

a) His cousin is _____ now.

b) Their total age in 2 years' time is _____.

Ans: a) _____

b) _____

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will have 2 times as many beads as Claire?

Sharon must buy _____ more beads so that she will have
times as many beads as Claire.

Ans:_____

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Find the total cost of one tie and one shirt.

The total cost of one tie and one shirt was _____

Ans: _____

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amount paid by the parents and children was $1394. How many children were at the carnival?

There were _____ children at the carnival.

Ans: _____

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b) Find the perimeter of the figure.

a) The area of the figure is _____

b) The perimeter of the figure is _____

Ans: a) _____

b) _____

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and Candice spent $\frac{3}{4}$ of her money, each of them had $75 left. How much money did each of them have at first?

John had _____ and Candice had

Ans: John - _____

Candice - _____

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container at first?

There was _____ of water in the container at first.

Ans: _____

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Type of bag	Price per bag	Number of bags sold	Amount collected
A	$18	26	$468
B	$	8	$232
C	$35	9	$

a) Mother bought two Type B bags, how much must she pay?
b) What was the total amount collected from the sale of the three types of bags?

a) Mother must pay _____ .

b) The total amount collected from the sale of the three types of bags was _____ .

Ans: a) _____ _____

b) _____

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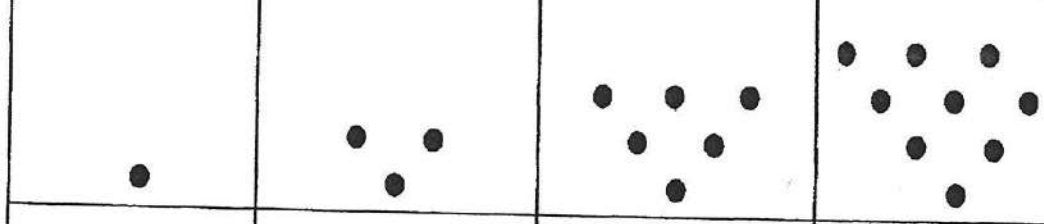

Figure 1	Figure 2	Figure 3	Figure 4

a) Complete the table

Figure	1	2	3	4	5
Number of dots	1	3		10	

b) In which figure will there be 66 dots?

b) There will be 66 dots in Figure _____

Ans: b) _____

End of Paper 2

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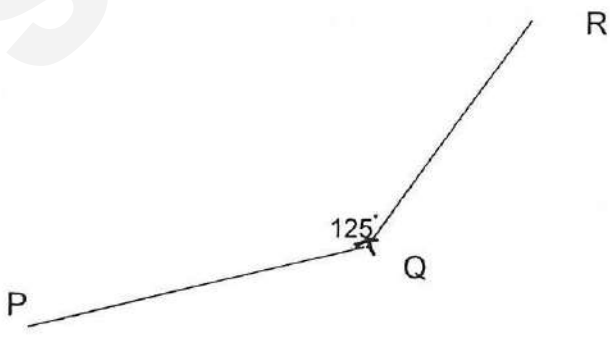
SCHOOL : TAO NAN PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2018 SA1

PAPER 1 BOOKLET A

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

PAPER 1 BOOKET B

Q11)	Forty – five thousand, three hundred and ninety
Q12)	59862
Q13)	Quotient 1140 Remainder 2
Q14)	3487
Q15)	12 and 24
Q16)	3
Q17)	¾ , ½ , 1/8
Q18)	2850
Q19)	Night Monsters
Q20)	2 h 20 min
Q21)	
Q22)	6 50-cent coins

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Q23)	Line l J
Q24)	25°
Q25)	13 cm
Q26)	49 cm2
Q27)	40°
Q28)	15 m
Q29)	250 more toys
Q30)	August

Paper 2

Q1)	555 ÷ 5 = 111 111 x 2 = 222 555 – 222 = 333 Wei Min had 333 game cards left.
Q2)	39 ÷3 = 13 39 + 13 = 52 2 + 2 = 4 52 + 4 = 56 a)His cousin is 13 years old now. b)Their total age in 2 years' time is 56years
Q3)	2320 – 160 = 2160 2160 ÷3 = 720 720 – 160 = 560 Sharon must buy 560 more beads so that she will have 2 times as many beads as Claire.
Q4)	3 x 2 = 16 6 + 2 = 8 272 ÷8 = 34 34 x 3 = 102 The total cost of one tie and one shirt was $102
Q5)	22 x 15 = 330 1394 – 330 = 1064 1064 ÷7 = 152 There were 152 children at the carnival
Q6)	2 X 2 = 4 4 X 4 = 16 2 X 10 = 20 a)The area of the figure is 16 cm2 b)The perimeter of the figure is 20 cm
Q7)	75 x 2 = 150 75 x 4 = 300 John had $150 and Candice and had $300

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Q8)	8 x 800 = 6400 6400 – 200 = 6200 There was 6200 ml of water in the container at first.
Q9)	29 x 2 = 58 468 + 232 = 700 700 + 315 = 1015 a)Mother must pay $58 b)The total amount collected from the sale of the three types of bags was $1015.
Q10)	a)6 , 15 b)There will be 66 dots in Figure 11

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2018)

PRIMARY 4

MATHEMATICS

Booklet A

Monday **29 October 2018** **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 9 printed pages(inclusive of cover page).

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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. The value of the digit 1 in 38 419 is _____.

   1) 10
   2) 100
   3) 1000
   4) 10 000

2. Which of the following is a multiple of both 6 and 8?

   1) 14
   2) 24
   3) 36
   4) 64

3. How many one-thirds are there in 3 wholes?

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

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4. $7\frac{4}{9} = \frac{\square}{9}$

What is the missing number in the box?

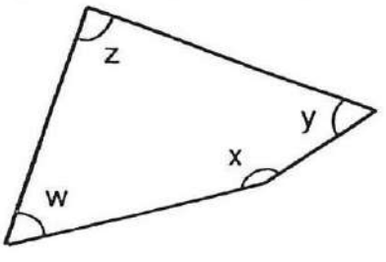
1) 28
2) 59
3) 63
4) 67

5. Which of the following decimals is represented by letter A in the number line?



1) 3.22
2) 3.27
3) 3.212
4) 3.217

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



1) ∠ w
2) ∠ x
3) ∠ y
4) ∠ z

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

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

3) $\frac{9}{5}$

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

8. 2001.8 is the same as _____.

1) 2 thousands and 180 hundreds
2) 2 thousands and 180 tens
3) 20 hundreds and 180 tenths
4) 20 hundreds and 180 hundredths

9. 4.07 is 2 less than _____.

1) 2.07
2) 4.05
3) 4.09
4) 6.07

10. Which of the following letter has **no** line of symmetry?

1) A 2) C

3) N 4) O

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her 4 children. How much milk did each of the child drink?

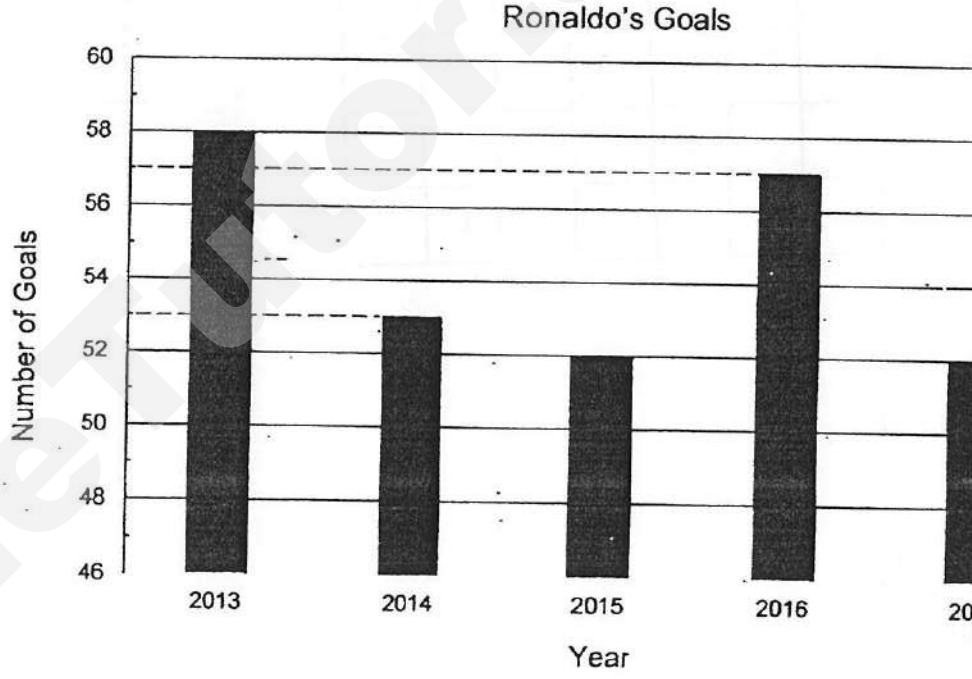
1) 0.2 ℓ

2) 0.25 ℓ

3) 5 ℓ

4) 4 ℓ

12. The bar graph below shows the number of goals Ronaldo scored from 2013 to 2017.



1) 270

2) 271

3) 272

4) 273

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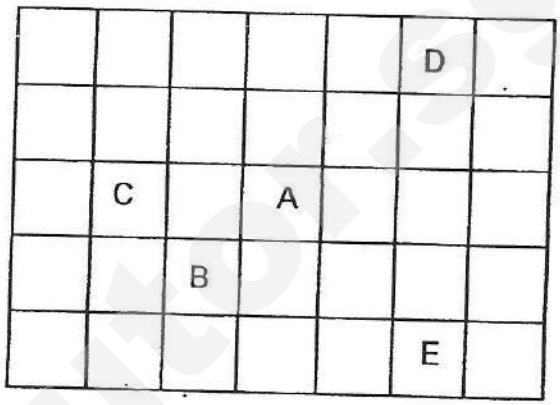
some exercises for 55 minutes. At what time did Tim finish his

1) 11 35
2) 11 45
3) 12 20
4) 12 30

14. The following grid shows the position of A, B, C, D and E. Which letter is south-west of A?



1) B
2) C
3) D
4) E

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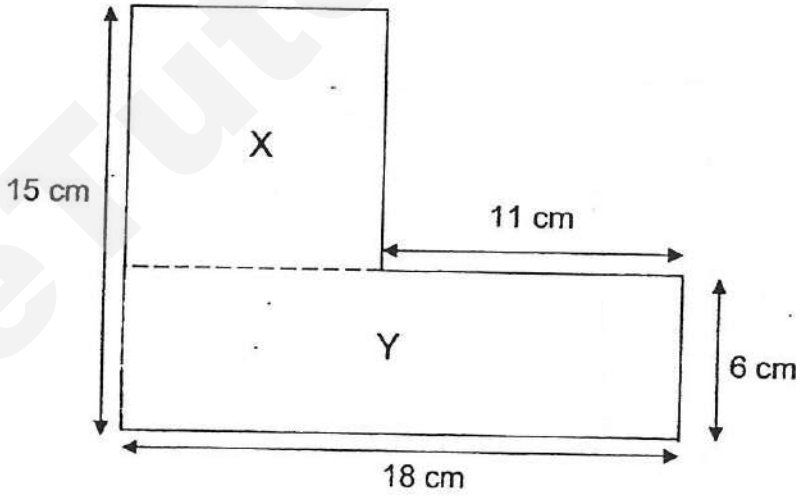
January to May. A total of 63 students were late for the 5 mon

Month	Jan	Feb	Mar	Apr	May
Number of students	16	13	12	7	?

How many pupils were late in May?

1) 5
2) 15
3) 22
4) 48

16. The figure below is made up of two rectangles, X and Y. What i area of the figure?



1) 171 cm^2
2) 228 cm^2
3) 273 cm^2
4) 336 cm^2

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17. Isaac had $\frac{3}{5}$ kg of sugar. He had $\frac{1}{4}$ kg more than Caleb. W
total mass of sugar they had altogether?

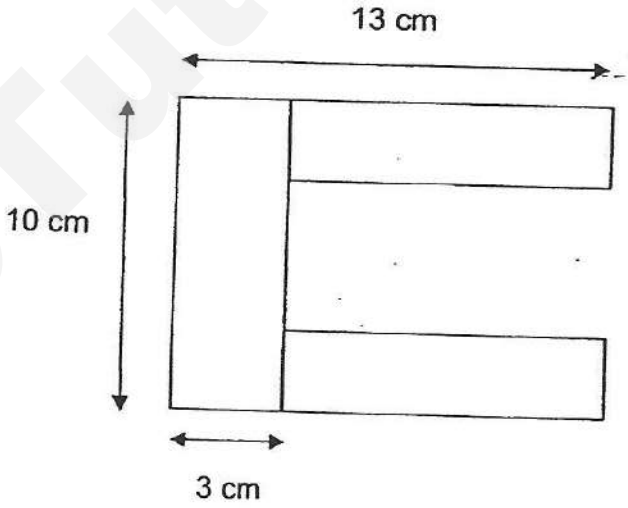
1) $\frac{7}{20}$ kg

2) $\frac{17}{20}$ kg

3) $\frac{19}{20}$ kg

4) $1\frac{9}{20}$ kg

18. The figure below is made up of 3 rectangles. What is the perim
figure?



1) 46 cm
2) 56 cm
3) 66 cm
4) 76 cm

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19. Andre had 76 more erasers than Ben at first. After Andre bou
20 erasers, he had 3 times as many erasers as Ben. How ma
did Ben have at first?

1) 32
2) 48
3) 96
4) 288

20. Mr Kumar packed 138 pens into boxes. Each box contained 8
sold each box of pens at $6 and each remaining pen at $1 e
much would he collect if he sold all the pens?

1) $102
2) $104
3) $108
4) $138

End of Booklet A

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2018)

PRIMARY 4

MATHEMATICS

Booklet B

Monday **29 October 2018** **1 hr 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 14 printed pages (inclusive of cover page).

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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. Write eighty thousand and eighteen in figures.

22. Two factors of 27 are 1 and 27. What are the other factors of 27?

23. Subtract 468 from 954.

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24. Which two of the fractions below are equivalent to $\frac{6}{9}$?

$\frac{2}{3}$, $\frac{3}{6}$, $\frac{10}{15}$, $\frac{8}{18}$

_____ and _____

25. What is the value of $\frac{5}{8} + \frac{3}{4}$?

Express your answer as a mixed number.

26. Write 8 thousandths as a decimal.

Sub-Total :

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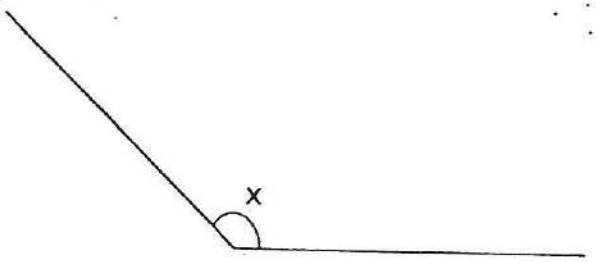
$\frac{1}{4}$, 0.025 , 0.205

_____ , _____ , _____
(smallest) *(greatest)*

28. Round 16.49 to the nearest whole number.

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



Sub-Total

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30. Express 567 min in hours and minutes

____ h ___ min

31. The table below shows the number of medals Joseph Schooling and Rikako Ikee won at the Asian Games 2018. They won a total of 12 medals. How many bronze medals did Joseph Schooling win?

Medal	Joseph Schooling	Rikako Ikee
Gold Medal	2	6
Silver Medal	0	1
Bronze Medal	?	0

Sub-Total :

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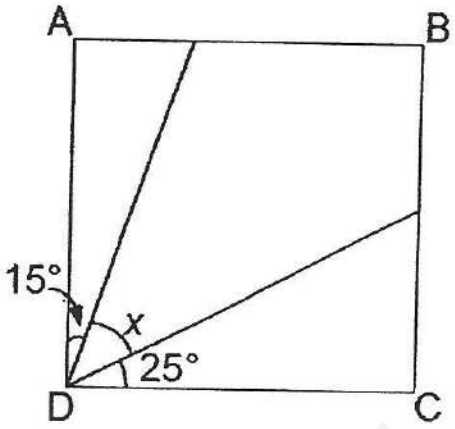
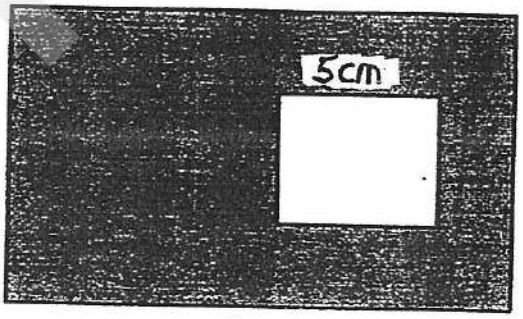


33. The figure below is made up of 2 rectangles. Find the area o shaded part of the figure.



Sub-Total

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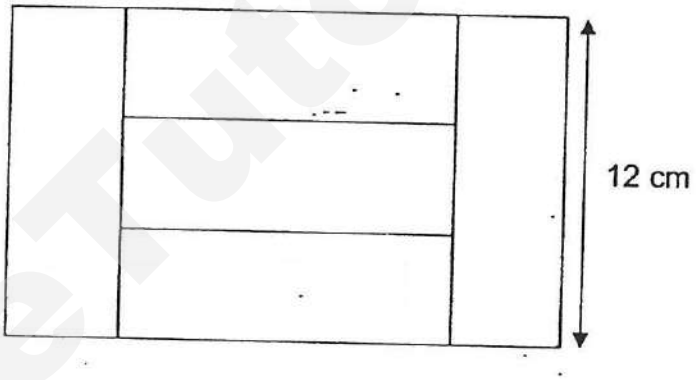
34. Ali spent $\frac{1}{5}$ of his money on fidget spinners. He then had $30 left. How much money did he have at first?

$

35. The figure below is made up of five similar rectangles. The length of each rectangle is 12 cm. What is the perimeter of the whole figure?



cm

Sub-Total :

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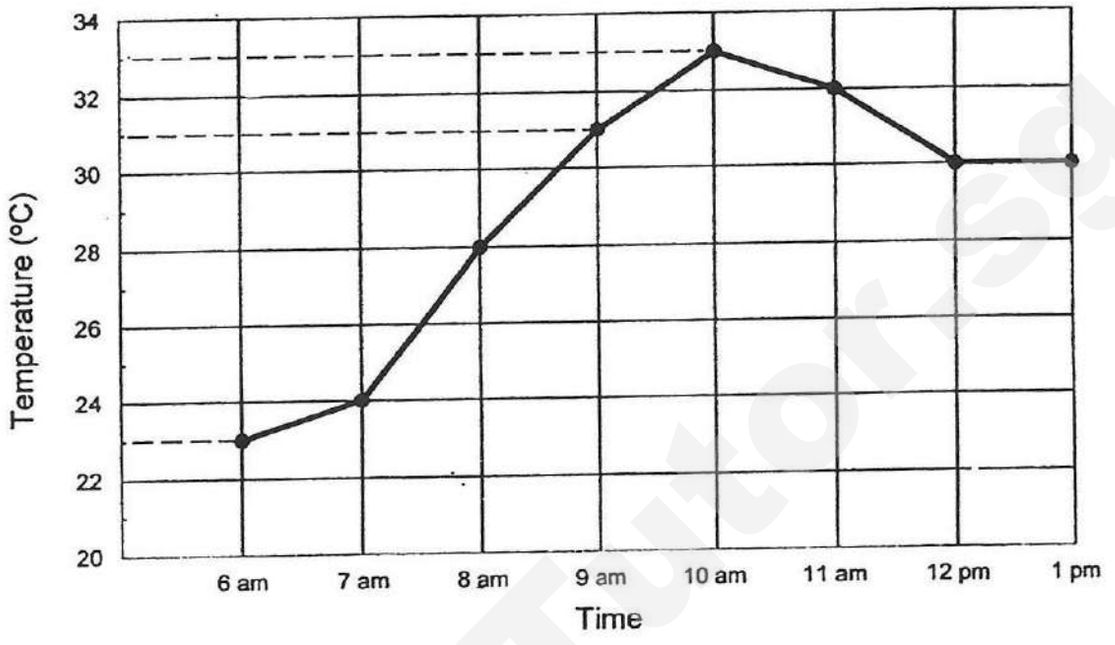
The line graph below shows the temperature of Bangkok on a particular day.



36. At what time was the highest temperature recorded? Leave your answer in 24-hour clock.

37. During which 1-hour interval was the increase in temperature the greatest?

From _____ to _____

Sub-Total :

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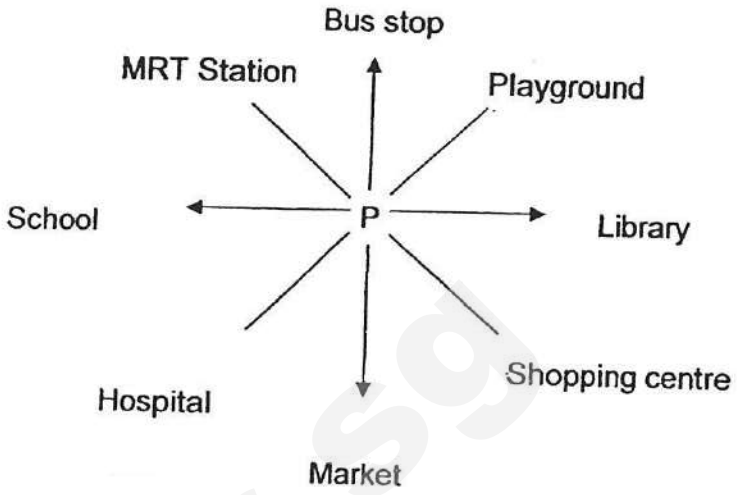
playground. Where will she face if she makes a $\frac{3}{4}$ - turn in an

clockwise direction?



39. The perimeter of the rectangle shown below is 96 cm. The lengt

the rectangle is twice as long as its breadth. Find the area of

rectangle.

Perimeter = 96 cm

cm^2

Sub-Total :

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40. Mrs Heng baked some cookies in the morning. She gave 128 c
to her neighbour. She packed the remaining cookies into 9 jars.
were 34 cookies in each jar. How many cookies did Mrs Heng b

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Sub-Total

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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. Mr Alfred bought 3 packets of grapes. The mass of the packets of grapes were 0.5 kg, 1.7 kg and 2.2 kg.

(a) What was the total mass of the grapes?

(b) The grapes were sold at $6 per kg. Mr Alfred gave the cashier a $100 note. How much change did he receive?

Ans: a) _____ [1]

b) _____ [3]

Sub-Total :

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were red, $\frac{1}{3}$ were blue and the rest were yellow.

a) What fraction of the beads were yellow?

b) Given that there were 48 more red beads than yellow bead
many beads were there altogether?

Ans: a) _____

b) _____

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Sub-Tota

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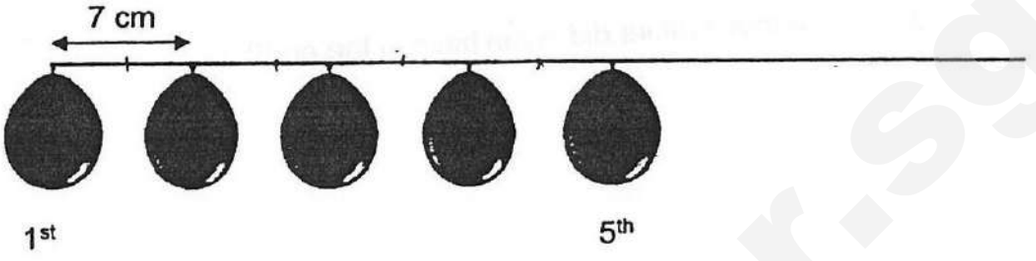
43. Roy had a rope 82.5 cm long. He tied balloons on the rope. Part of the balloons were shown below. Each balloon was 7 cm apart from one another.



a) What was the length of string between the first and the fifth balloon?

b) What was the most number of balloons Roy could tie on the rope?

Ans: a) _____ [2]

b) _____ [2]

Sub-Total :

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rulers and bought another 36 pencils. He had the same nur
rulers and pencils in the end.

(a) How many pencils did Ryan have at first?

(b) How many rulers did Ryan have in the end?

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Ans: a) _____

b) _____

Sub-Total

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45. Some adults and children went to a charity event to watch a
match. The price of an adult ticket was $2 and the price of a chil
ticket was $1. There were 4 times as many adults as children.
total amount collected from the tickets was $1800. How many ch
went to the charity event?

Ans: _____

End of Booklet B

Sub-Total :

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YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : ANGLO-CHINESE SCHOOL(JUNIOR)
SUBJECT : MATHEMATICS
TERM : SA2

BOOKLET A, SECTION A

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

BOOKLET B , SECTION B

Q21) 80 018
Q22) 3 and 9
Q23) 486
Q24) $\frac{2}{3}$ *and* $\frac{10}{15}$
Q25) $1\frac{3}{8}$
Q26) 0.008
Q27) 0.025 , 0.205 , $\frac{1}{4}$
Q28) 16
Q29) 135°
Q30) 9 h 27 min
Q31) 3
Q32) 50°
Q33) $124cm^2$
Q34) $75
Q35) 64 cm
Q36) 1000
Q37) From 7a.m. to 8 a.m.
Q38) Shopping centre
Q39) 512 cm^2
Q40) 434

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SECTION C

Q41)a) (4.4 kg)

0.5+1.7+2.2=4.4

b) ($73.60)

4.4×6=26.40

100 – 26.40 = 73.60

Q42)a) ($\frac{7}{24}$)

$1 - \frac{3}{8} - \frac{1}{3} = \frac{7}{24}$

b) (576)

$\frac{9}{24} - \frac{7}{24} = \frac{2}{24}$

48÷2=24

24×24=576

Q43)a) (28 cm)

1 gap= 7

4 gap= 28

b) (12)

82.5÷7=11 remaining 5.5

11 + 1 =12

Q44)a) (12)

6 units = 36 + 36 = 72

1 unit = 12

pencils represent 1 unit = 12

b) (48)

Total no. ruler in the end = 4 unit = 4 × 12 = 48

Q45) (200)

Price of 4 adult ticket = 8

Price of 1 child ticket = 1

Total price = 9

CHILDREN:ADULT

1:4

1800÷9=200

THE END

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CATHOLIC HIGH SCHOOL

SEMESTRAL ASSESSMENT TWO (2018)

PRIMARY FOUR

MATHEMATICS

Name : _____ ( )

Class: Primary 4 _____

Date: 29 October 2018

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 22 printed pages excluding the cover page.

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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 oval (1, 2, 3 or 4) on the Optical Answer Sheet. All diagrams are not drawn to scale. (40 marks)

1. 9 ten thousands, 20 tens and 3 ones is the same as _____.

   (1) 9023
   (2) 9203
   (3) 90 023
   (4) 90 203 ( )

2. Which of the following numbers is **not** a factor of 75?

   (1) 1
   (2) 2
   (3) 3
   (4) 5 ( )

3. How many quarters are there in $5\frac{3}{4}$?

   (1) 23
   (2) 20
   (3) 3
   (4) 5 ( )

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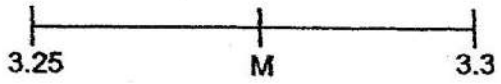
4. M is the midpoint of 3.25 and 3.3. What is the value of point M?



(1) 3.255

(2) 3.259

(3) 3.275

(4) 3.26 ( )

---

5. Express 0.8 as a fraction.

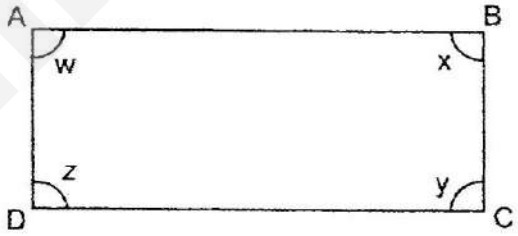
(1) $\frac{1}{8}$

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

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

(4) $\frac{8}{1000}$ ( )

6.



Which of the following angle is ∠BCD?

(1) ∠w

(2) ∠x

(3) ∠y

(4) ∠z ( )

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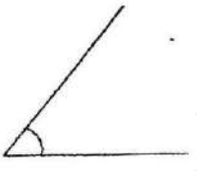
7. Which of the following shows the closest estimate to 125°?

(1) 

(2) 

(3) 

(4) 

( )

---

8. One of the numbers given below can be divided by 4 without a remainder. When 4 is added to the number, the number can be divided by 5 without a remainder. Which of the following is the number?

(1) 12

(2) 24

(3) 30

(4) 36

( )

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9. The capacity of container A is $\frac{3}{5}$ ℓ. Its capacity is $\frac{1}{3}$ ℓ less than the capacity of container B. What is the capacity of container B?

(1) $\frac{1}{15}$ ℓ

(2) $\frac{4}{15}$ ℓ

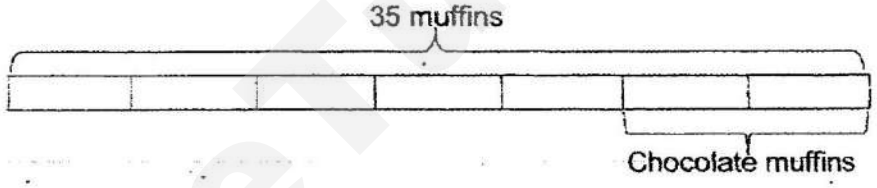
(3) $\frac{14}{15}$ ℓ

(4) $1\frac{8}{15}$ ℓ ( )

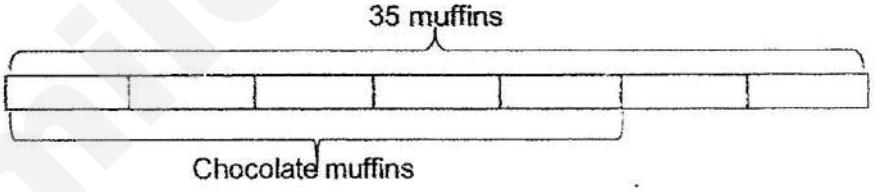
---

10. Kelly baked 35 muffins. $\frac{5}{7}$ of them were chocolate muffins.
Which one of the following models describes the question above?

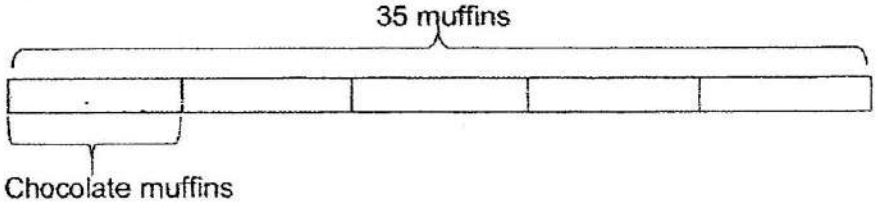
(1)



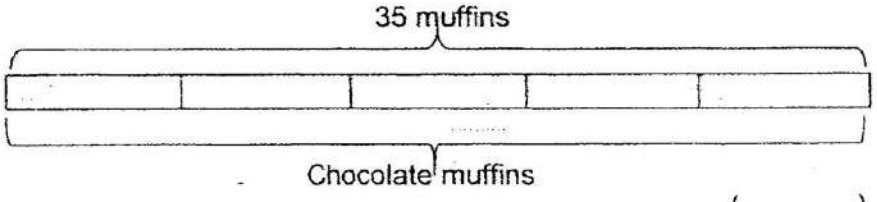
(2)



(3)



(4)



( )

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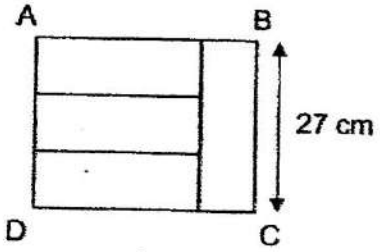
11. Figure ABCD is made up of 4 identical rectangles. Find length AB.



(1) 36 cm

(2) 63 cm

(3) 126 cm

(4) 972 cm

( )

---

12. The table below shows the start time and end time of each musical at different venues in a concert hall.

Musical	Start Time	End Time
Song Of Music	2.30 p.m.	4.30 p.m.
The Tiger King	4.10 p.m.	5.15 p.m.
Rold Dahl Matilda	3.15 p.m.	4.45 p.m.
Geronimo Still Stand	3.30 p.m.	5.30 p.m.

Ahmad arrives at the concert hall at 3.05 p.m.
He needs to leave by 5.00 p.m.
Which musical can Ahmad watch from the start to the end?

(1) Song Of Music

(2) The Tiger King

(3) Rold Dahl Matilda

(4) Geronimo Still Stand

( )

(Go on to the next page)

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13. Henry played tennis for 2 h 25 min. He finished playing at 16 20.
What time did he start playing?

(1) 13 05

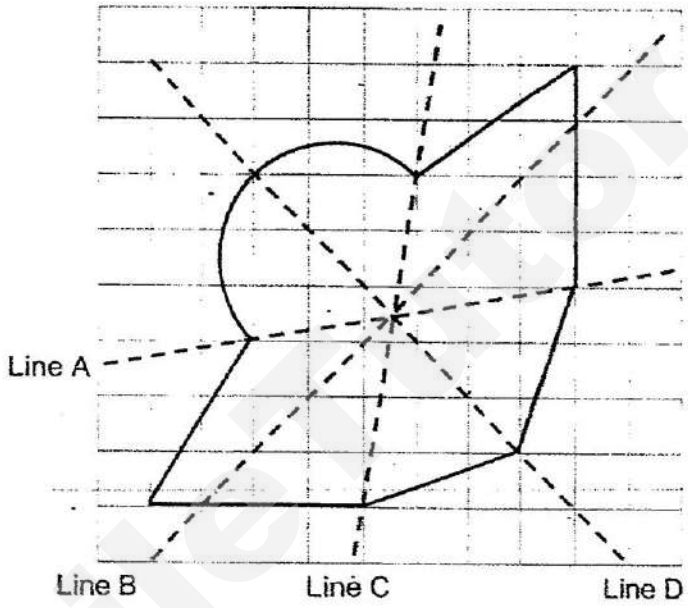
(2) 13 55

(3) 14 05

(4) 18 45 ( )

---

14. A figure is drawn in the square grid below. Which of the following dotted lines is a line of symmetry of the figure?



(1) Line A

(2) Line B

(3) Line C

(4) Line D ( )

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15. Express 25 tenths and 4 hundredths as a decimal.

(1) 2.54

(2) 25.4

(3) 25.04

(4) 2.504

( )

---

16. Sam spent $\frac{1}{3}$ of his money on a soccer ball. The soccer ball cost $54.

How much money did he have at first?

(1) $18

(2) $27

(3) $108

(4) $162

( )

---

17. At a carnival, every 6th participant receives a cup of drink and every 8th participant receives a key chain. Which is the first participant who receives both a cup of drink and a key chain?

(1) 24

(2) 36

(3) 48

(4) 72

( )

---

18. Leo spent $2.15 on a pen. He spent 90¢ more on an exercise book.

How much money did Leo spend on the pen and the exercise book?

(1) $3.05

(2) $4.39

(3) $5.20

(4) $11.15

( )

(Go on to the next page)

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19. Which of the following decimals when rounded to the nearest whole number or rounded to 1 decimal place gives the same value?

(1) 19.48

(2) 19.58

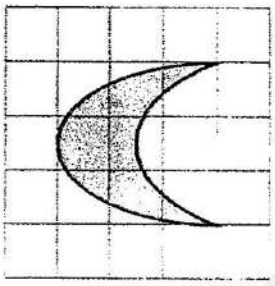
(3) 19.94

(4) 19.95

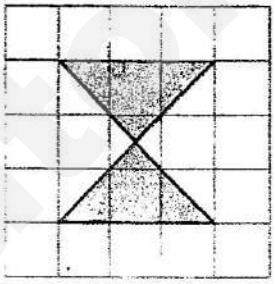
( )

---

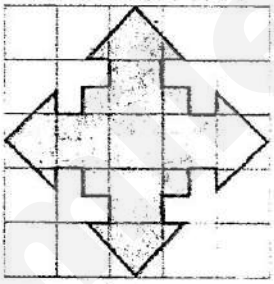
20. Each figure is drawn in a square grid. Which of these figures have at least 2 lines of symmetry?



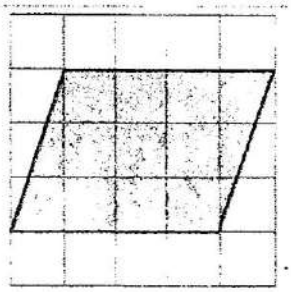
A



B



C



D

(1) A and B

(2) B and C

(3) C and D

(4) D and B

( )

END OF SECTION A

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Section B

Questions **21** to **40** carry 2 marks each. Show your working clearly 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.

(40 marks)

Do not write in this space

21. Write sixty thousand, two hundred and five in numerals.

Ans: _____

22. Use all the digits below to form the biggest 4-digit odd number. Each digit can only be used once.

2	0	9	4

Ans: _____

23. A number when rounded to the nearest hundred becomes 6700. What could the smallest possible whole number be?

Ans: _____

(Go on to the next page)

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24. Mrs Lim had $\frac{2}{3}$ of a pizza. Mrs Eng had $\frac{1}{4}$ of a similar pizza.
How much more pizza did Mrs Lim have than Mrs Eng?

Ans: _____

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

2408 , 2608 , 2808 , 3008 , _____ ? _____ , 3408 , 3608

Ans: _____

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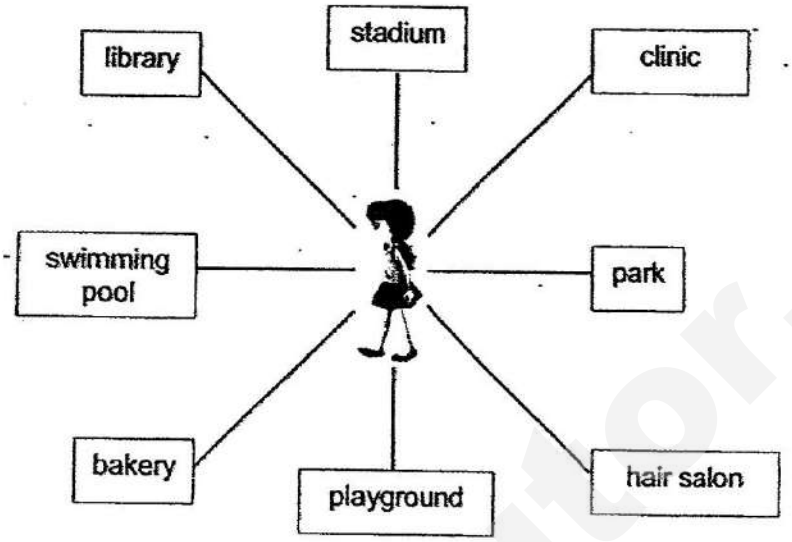
26. Sharon is facing the swimming pool.
Where will she face when she turns 225° anti-clockwise?

Do not write in this space



Ans: _____

27. Grace and Emily have 360 stickers altogether. Emily has twice as many stickers as Grace. How many stickers must Emily give to Grace so that they have the same number of stickers?

Ans: _____

(Go on to the next page)

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28. Mrs Ang has 2 pieces of cloths of length 48 cm and 56 cm. She cuts each cloth into shorter pieces of equal length. Every piece from both cloths is of the same length. What is the greatest length of each shorter piece of cloth that can be cut?

Do not write in this space

Ans: _____ cm

29. What is the value of 4 ÷ 7? Correct your answer to 1 decimal place.

Ans: _____

(Go on to the next page)

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30. Alan paid $68 for a racket and 2 similar water bottles. The racket cost as much as the 2 water bottles. How much did he pay for 1 such water bottle?

Do not write in this space

Ans: $_____

31. When a number is divided by 3, it has a quotient of 1351 and a remainder of 2. What is the number?

Ans: _____

32. Jug A contains 6.2 ℓ of apple juice. Jug B contains 3.8 ℓ of carrot juice. Yann mixed the juice from both jugs to make fruit punch. He then poured away 1.47 ℓ of fruit punch. How much fruit punch did Yann have left?

Ans: _____ ℓ

(Go on to the next page)

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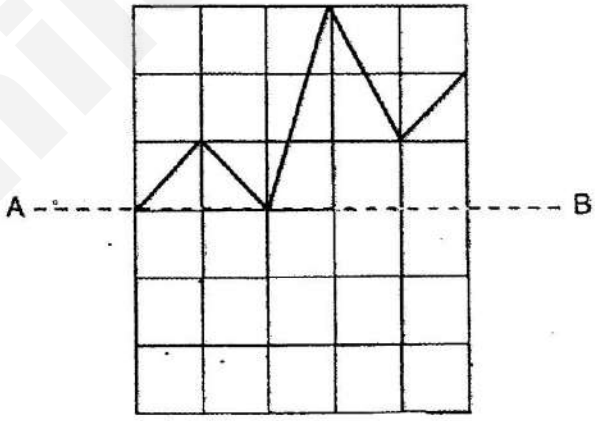
33. Arrange the following in increasing order.

Do not write in this space

3.25	$3\frac{5}{6}$	$\frac{25}{8}$

Ans: _____

34. Part of a figure is drawn in a square grid.
Complete the figure using line AB as the line of symmetry.



(Go on to the next page)

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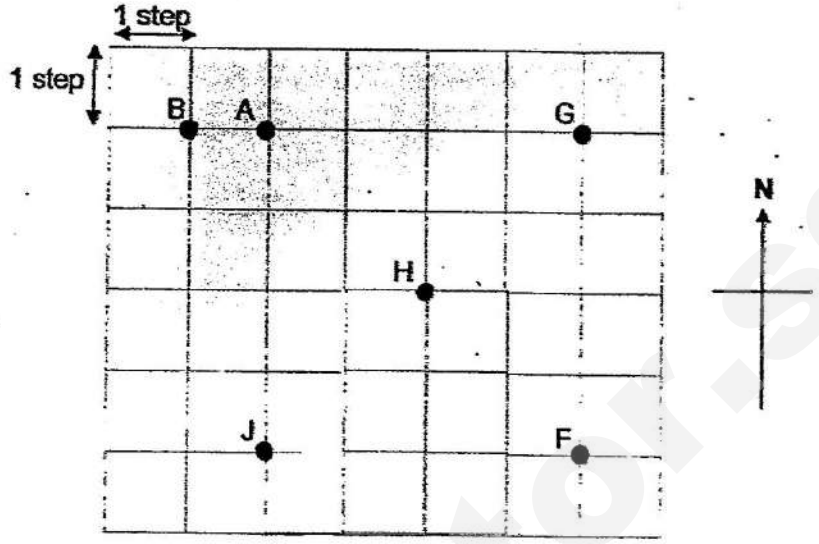
Study the grid below carefully and answer question 35.

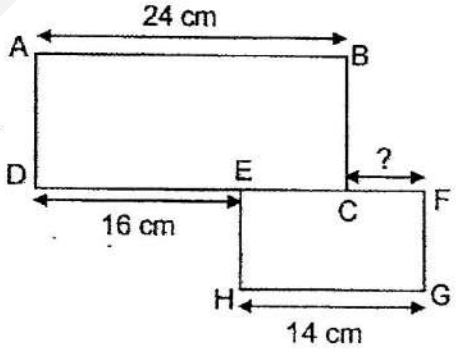
Do not write in this space



35. Jean was at one of the points shown in the grid at first. Then, she walked 1 step to the South, 2 steps to the East and 3 steps to the North. She ended up at point H. Which point was she at at first?

Ans: _____

36. The figure below is made up of two different rectangles, ABCD and EFGH. AB = 24 cm, DE = 16 cm and HG = 14 cm.
Find the length of CF.



Ans: _____ cm

(Go on to the next page)

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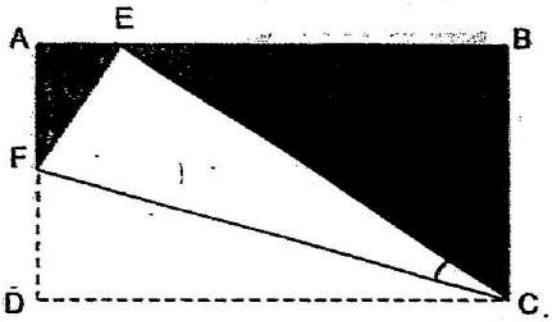
37. A piece of rectangular paper ABCD is folded as shown. Find ∠ECF.

Do not write in this space



Ans: _____ °

38. Eight years ago, Alan was 4 times as old as Geetha. Their total age now is 46 years. How old was Geetha eight years ago?

Ans: _____ years old

(Go on to the next page)

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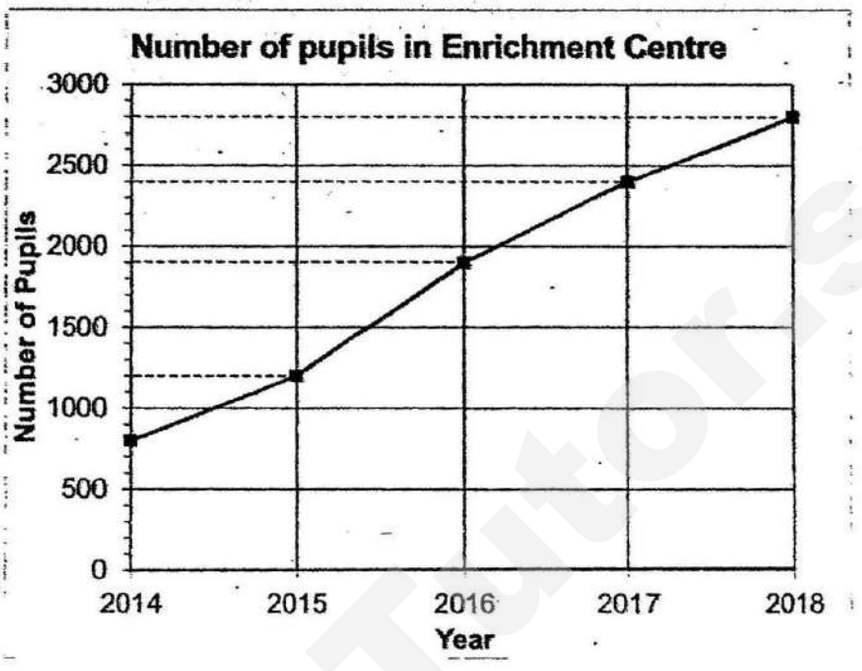
The line graph below shows the number of pupils in an enrichment centre at the end of each year from 2014 to 2018. Study the graph and answer questions 39 and 40.

Do not write in this space



39. In which year was the number of pupils 3 times the number of pupils in 2014?

Ans: _____

40. What was the increase in number of new pupils who joined the enrichment centre between 2015 and 2016?

Ans: _____

Total marks for question 21 to 40

40

END OF SECTION B

(Go on to the next page)

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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. All diagrams are not drawn to scale.

(20 marks)

Do not write in this space

41. Ali, Raja and Peter have 208 marbles. Peter has 27 more marbles than Ali. Raja has thrice of what Peter has. How many marbles does Ali have?

Ans: _____ [4]

(Go on to the next page)

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42. Raina had a basket of 75 mangoes. She used 22 mangoes for cakes and sold some mangoes. She was left with $\frac{3}{5}$ of the number of mangoes she had at first. How many mangoes did she sell?

Do not write in this space

Ans: _____ [4]

(Go on to the next page)

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43. A container with 5 similar books weighed 5.5 kg. The mass of the container with 3 similar books was 3.9 kg. What was the mass of the container when it was empty?
(Leave your answer in kilograms)

Do not write in this space

Ans: _____ [4]

(Go on to the next page)

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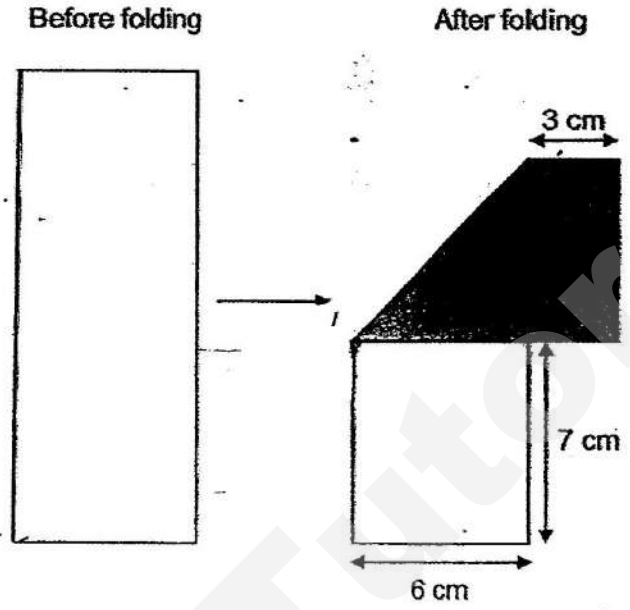
44. A rectangular piece of paper is folded to form the shape shown below. What is the area of the rectangular piece of paper before it was folded?

Do not write in this space



Ans: _____ [4]

(Go on to the next page)

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45. Rectangles and circles are used to form patterns as shown in Figure 1 to Figure 3.

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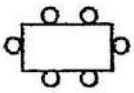

Figure 1

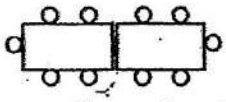

Figure 2

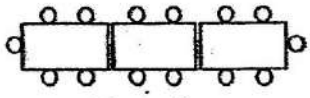

Figure 3

Figure number	Number of rectangles	Number of circles
1	1	6
2	2	10
3	3	14

a) How many rectangles are there in Figure 10?

b) How many rectangles are there in a pattern with 98 circles?

Ans: (a)_____[1]

(b)_____[3]

END OF PAPER

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : CATHOLIC HIGH SCHOOL
SUBJECT : MATHEMATICS
TERM : SA 2

SECTION A

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

SECTION B

Q21) 60 205

Q22) 4209

Q23) 6650

Q24) $\frac{5}{12}$

Q25) 3208

Q26) Clinic

Q27) 60

Q28) 8cm

Q29) 0.6

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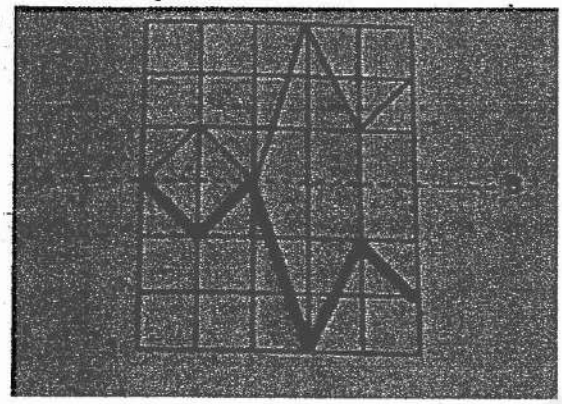
Q30) $17

Q31) 4055

Q32) 8.53 litres

Q33) $\frac{25}{8}$ **,** 3.25 **,** $3\frac{5}{6}$

Q34)



Q35) J

Q36) 6cm

Q37) 19°

Q38) 6 years old

Q39) 2017

Q40) 700

SECTION C

Q41) 27 x 4 = 108
208 – 108 = 100
100 ÷ 5 = 20

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Q42) $75 \div 5 = 15$

$5 - 3 = 2$

$15 \times 2 = 30$

$30 - 22 = \underline{8}$

Q43) $5.5 - 3.9 = 1.6$

2 books = 1.6

1 book = 0.8

$0.8 \times 3 = 2.4$

$3.9 - 2.4 = \underline{1.5kg}$

Q44) $6 + 3 = 9$

$9 + 7 = 16$

$16 \times 6 = \underline{96cm^2}$

Q45a) Pattern: Increases by 1 per fig.

Fig 1 = 1

Fig 10 = <u>10</u>

Q45b) Pattern: Circles increases by 4 per fig.

98 circles = <u>24 rectangles</u>

END

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Name: _____ ( )

Class : Primary 4_____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

SIMPLE IN VIRTUE

STEADFAST IN DUTY

碧 純 义 坚

Primary 4 Mathematics

2018 Semestral Assessment Two

Booklet A

23 October 2018

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.

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Section A: (19 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. 45 thousands and 8 tens is the same as _____.

   (1) 45 080

   (2) 45 008

   (3) 4580

   (4) 458

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

	(smallest)		*(greatest)*
(1)	2690,	2609,	2069
(2)	2069,	2690,	2609
(3)	2690,	2069,	2609
(4)	2069,	2609,	2690

3. 17 568 rounded to the nearest hundred is _____.

   (1) 17 500

   (2) 17 570

   (3) 17 600

   (4) 18 000

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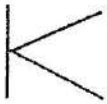
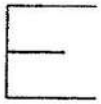
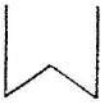
4. Which of the following figures has perpendicular lines?

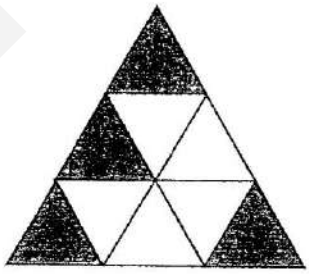
(1) 

(2) 

(3) 

(4) 

5. The figure shown is made up of identical triangles.
What fraction of the figure is shaded?



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

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

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

(4) $\frac{5}{9}$

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6. $7\frac{3}{8} = \frac{\square}{8}$

What is the missing number in the box?

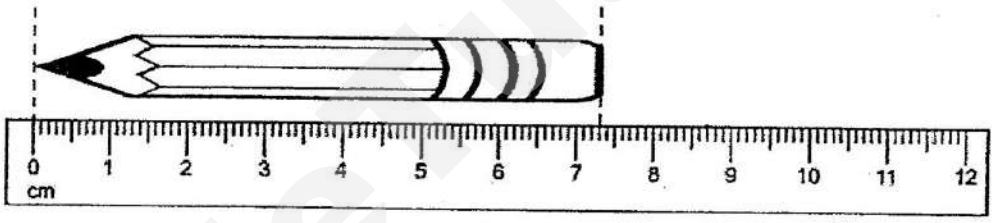
(1) 21

(2) 53

(3) 56

(4) 59

7. In the figure below, what is the length of the pencil in cm?



(1) 7.3

(2) 7.7

(3) 8.3

(4) 8.7

8. 20.28 x 4 = _____

(1) 81.12

(2) 80.28

(3) 80.12

(4) 24.28

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9. The opening hours of a restaurant are shown below. How long is the restaurant open each day?

Daily Opening Hours
11.00 a.m. to 3.00 p.m.
5.45 p.m. to 9.30 p.m.

(1) 3 h 45 min

(2) 4 h 15 min

(3) 7 h 45 min

(4) 10 h 30 min

10. Meiling and Jonathan have a total of 320 marbles. Meiling has 4 times as many marbles as Jonathan. How many marbles does Jonathan have?

(1) 64

(2) 80

(3) 240

(4) 256

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11. Rashid used cut-outs of four different shapes to form a pattern. The first 9 shapes are shown below. What was the 63rd shape?



(1) 

(2) 

(3) 

(4) 

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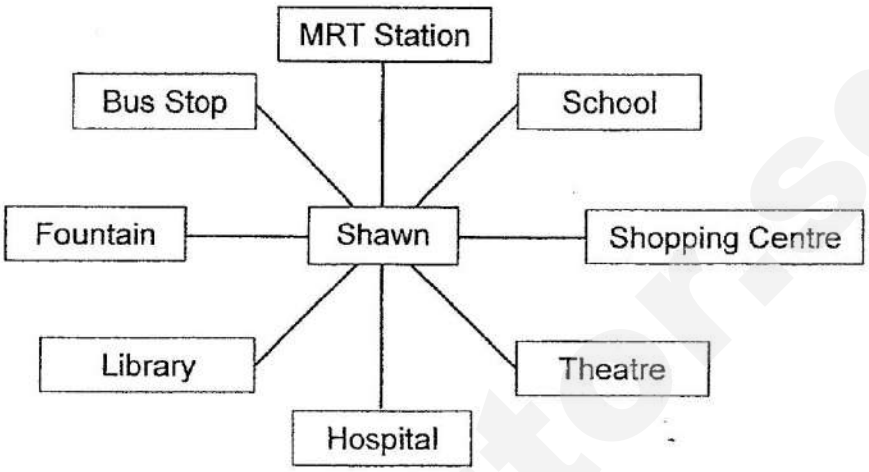
12. In the figure below, Shawn was facing the fountain at first. He turned 225° in an anti-clockwise direction. Where will he be facing in the end?



(1) Theatre

(2) School

(3) Hospital

(4) Bus Stop

13. How many one-quarters are there in 3 wholes?

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

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

(3) 12

(4) 4

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14. Melissa bought 5 m of ribbon to tie 2 similar presents. She used 1.36 m of the ribbon to tie each present. What was the length of the ribbon left?

(1) 1.82 m

(2) 2.28 m

(3) 2.72 m

(4) 3.64 m

15. The total mass of a twenty-cent coin and a one-dollar coin is 13.16 g. The one-dollar coin is 4.78 g heavier than the twenty-cent coin. What is the mass of the twenty-cent coin?

(1) 4.19 g

(2) 6.58 g

(3) 8.38 g

(4) 8.97 g

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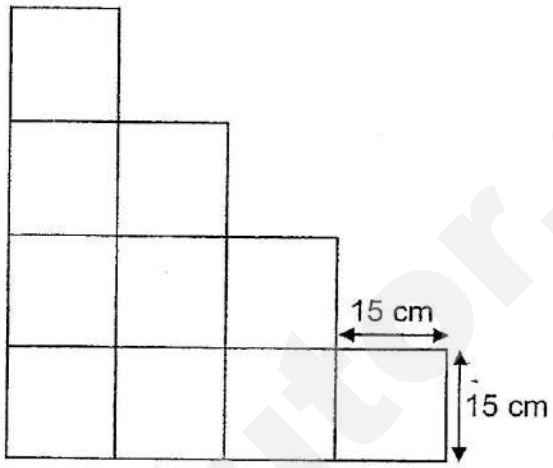
16. The figure below is made up of 10 identical squares.
Find the area of the figure.



(1) 150 cm^2

(2) 225 cm^2

(3) 1500 cm^2

(4) 2250 cm^2

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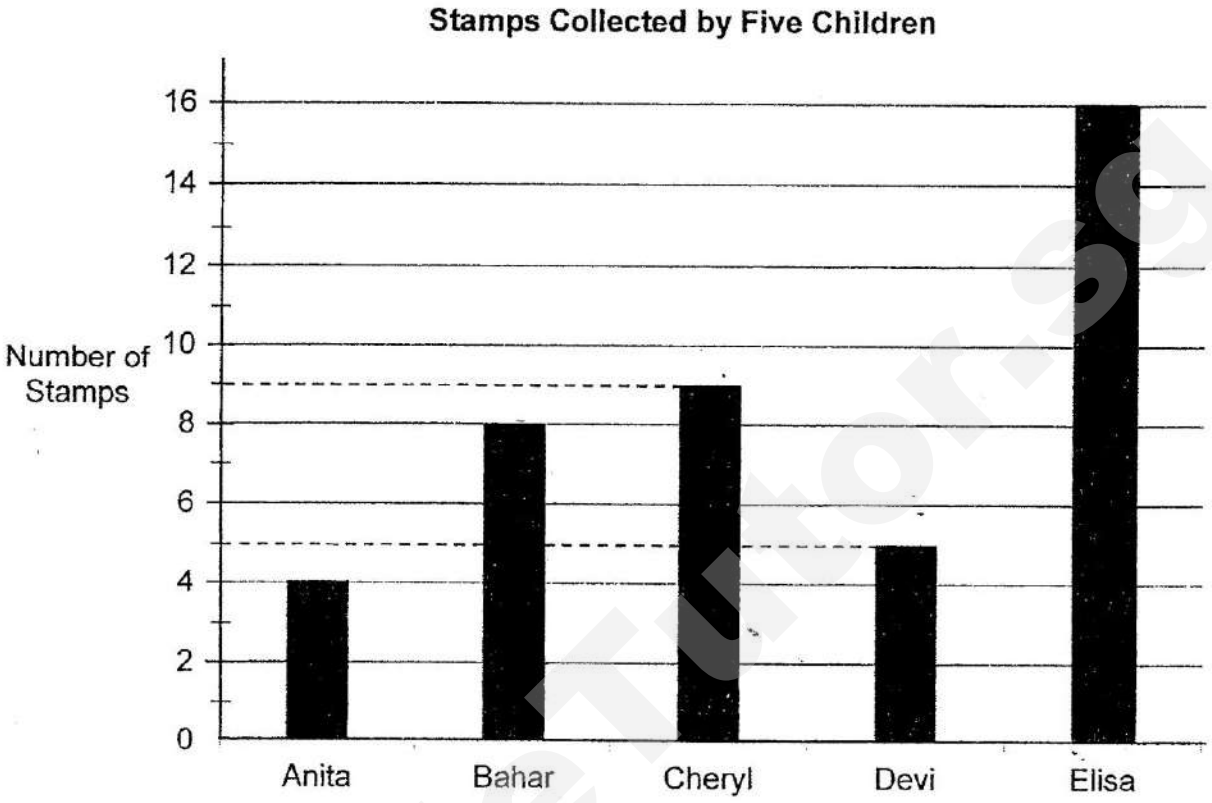
Use the information in the bar graph to answer questions 17 and 18.
The graph shows the number of stamps collected by five children.



17. Who collected twice as many stamps as Bahar?

(1) Elisa

(2) Devi

(3) Cheryl

(4) Anita

18. Which two children collected 14 stamps altogether?

(1) Bahar and Cheryl

(2) Bahar and Elisa

(3) Cheryl and Devi

(4) Cheryl and Elisa

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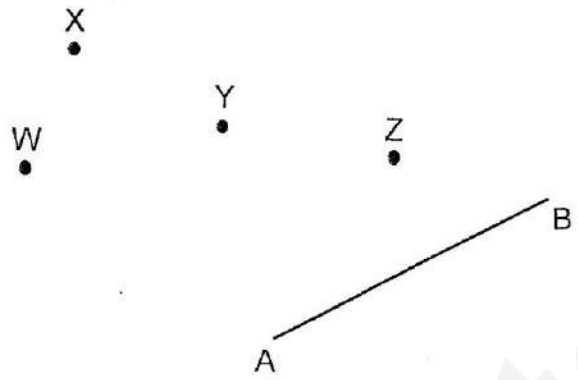
19. The figure below shows a line AB and 4 points, W, X, Y and Z.
Which point will form an angle greater than 45° but smaller than 90° at point A?



(1) W

(2) X

(3) Y

(4) Z

End of Booklet A

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Name: _____ ( )

Class : Primary _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 4 Mathematics

2018 Semestral Assessment Two

Booklet B

23 October 2018

Booklet A :	**/ 38**
Booklet B :	**/ 62**
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 17 printed pages.

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Section B: (20 x 2 marks)

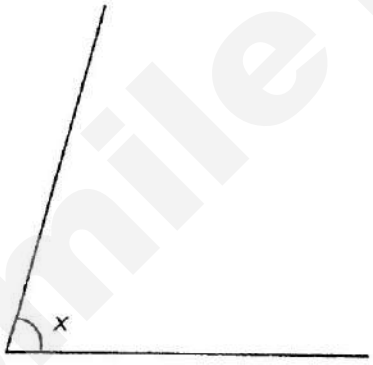
Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

Do not write in this space

20. Write sixty thousand and eighty-one in figures.

Ans : _____

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



Ans : _____ °

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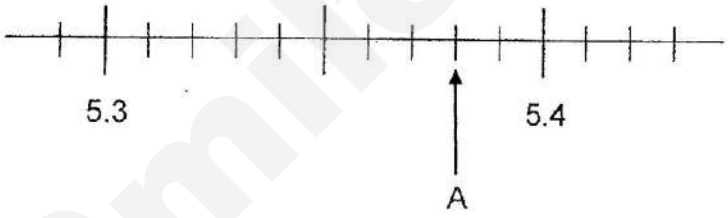
22. Which two fractions below are smaller than $\frac{1}{2}$?

$\frac{2}{3}$, $\frac{3}{7}$, $\frac{4}{9}$, $\frac{7}{8}$

Ans : _____ and _____

Do not write in this space

23. Write the decimal represented by A.



Ans : _____

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24. The table below shows the 4 different types of CCA that 225 children participated in. Each child participated only in one CCA.

Do not write in this space

Type of CCA	Number of Children
Basketball	?
Gymnastics	73
Chinese Dance	59
Brownies	52

How many children participated in Basketball?

Ans : _____

25. The table below shows a selection of cartoon programmes on television.

Time	Start Time
07 00 – 08 30	Wink Club
08 30 – 09 45	Power Reindeers
09 45 – 10 30	Pepper Pig
10 30 – 11 05	Laura and Friends

Michelle is allowed to watch the television for only 40 minutes. Which cartoon programme can she watch from the start to the end?

Ans : _____

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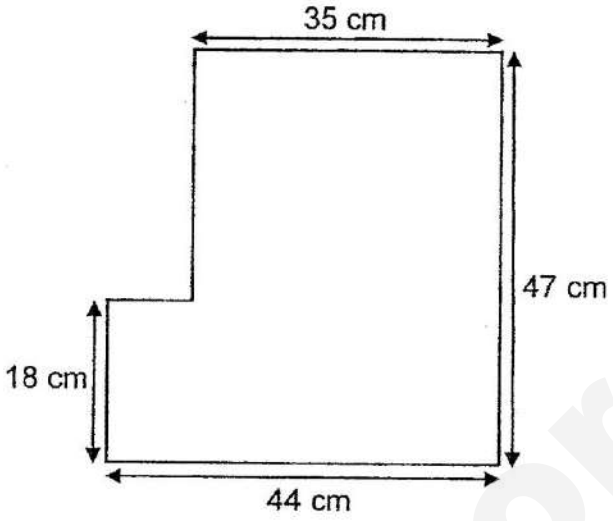
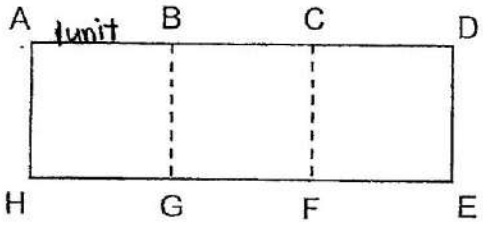
26. What is the perimeter of the figure below? All the lines meet at right angles.

Do not write in this space



Ans : _____ cm

27. Rectangle ADEH is made up of three identical squares. The perimeter of ADEH is 80 cm. Find the area of the square ABGH.



Ans : _____ cm^2

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28. Azlina's watch was 25 minutes slow. She took 40 minutes to travel from her house to the park. When she reached the park, her watch showed 14 55. What was the actual time she left her house? Express your answer in 24-hour clock.

Do not write in this space

Ans : _____

29. Round 15.79 to the nearest whole number.

Ans : _____

30. Express $\frac{29}{100}$ as a decimal.

Ans : _____

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31. Zachary bought 10 curry buns and sardine buns altogether. Each curry bun cost $0.90 and each sardine bun cost $1.10. He spent $10.40 on the buns. How many sardine buns did he buy?

Do not write in this space

Ans : _____

32. $\frac{3}{8} = \frac{12}{\square}$

What is the missing number in the box?

Ans : _____

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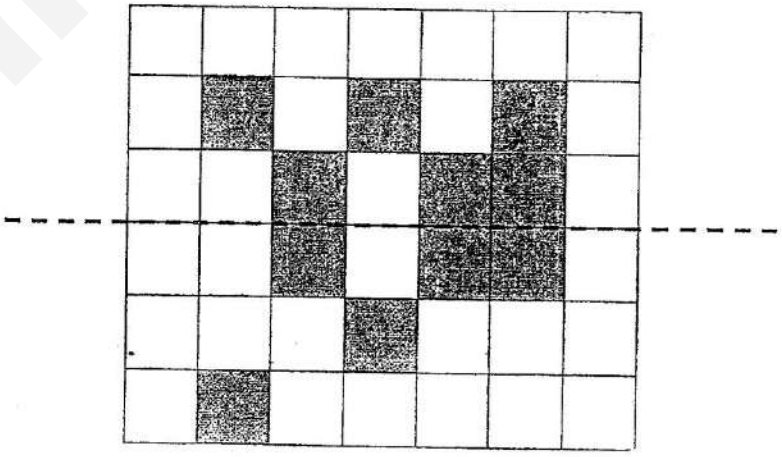
33. What is the value of $\frac{7}{9} + \frac{2}{3}$?

Express your answer as a mixed number.

Do not write in this space

Ans : _____

34. In the figure below, the dotted line is the line of symmetry. Shade **3 more** squares to make the figure symmetric.



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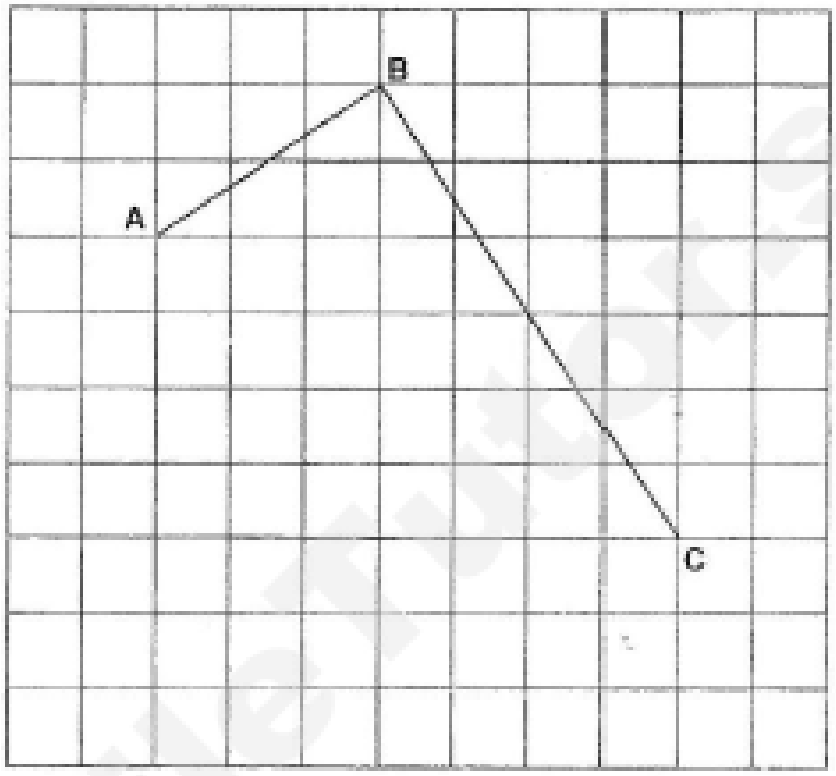
35. AB and BC are two sides of a rectangle. Complete the rectangle ABCD by drawing the other two sides in the square grid below. Label the rectangle ABCD.

Do not write in this space



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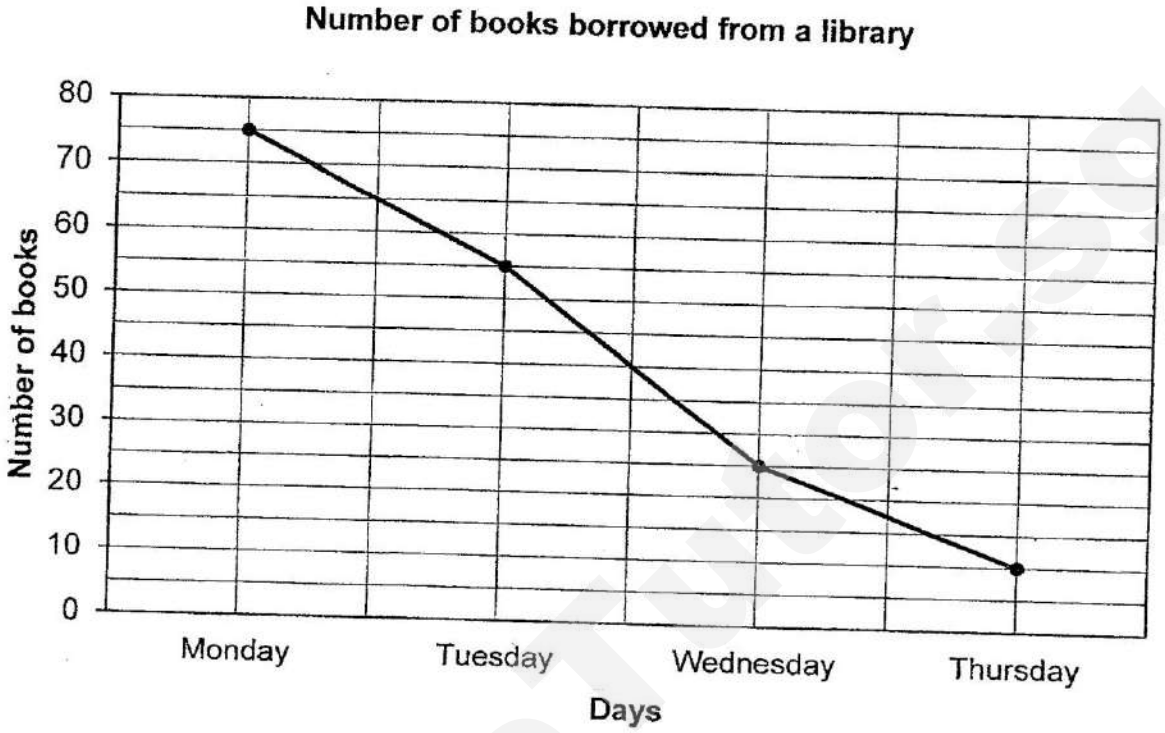
Study the line graph and answer questions 36 and 37.
The line graph below shows the number of books borrowed from a library over four days.

Do not write in this space



36. How many more books were borrowed on Tuesday than on Wednesday?

Ans : _____

37. How many books were borrowed in the four days altogether?

Ans : _____

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38. Some factors of 42 are 1, 2, 3, 7, 21 and 42. What are the other two factors of 42?

Do not write in this space

Ans : _____ and _____

39. There are 3 rows of dancers. Every row has 9 more dancers than the row in front of it. There are 117 dancers altogether in the 3 rows. How many dancers are there in the first row?

Ans : _____

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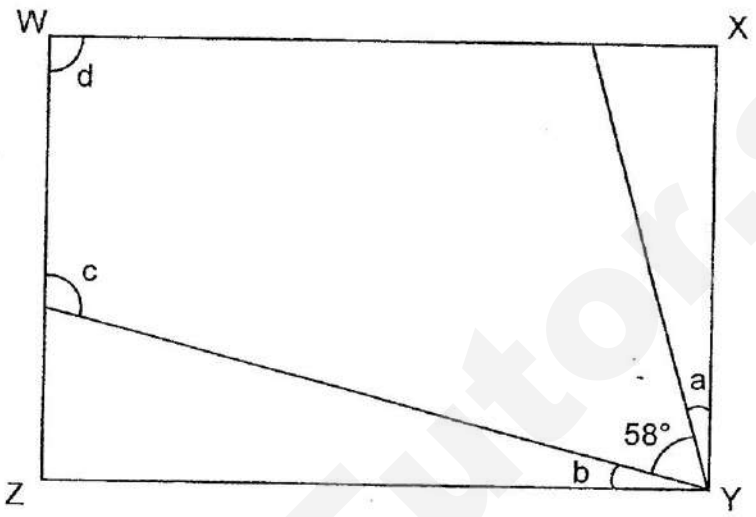
Section C: (22 marks)

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

Do not write in this space

40. In the figure below, WXYZ is a rectangle.



(a) Each statement below is either true or false. For each statement, put a tick (✓) in the correct column.

Statement	True	False
∠d is a right angle.		
∠c is an obtuse angle.		

[1]

(b) ∠a = ∠b. Find ∠a.

Ans : (b) _____ [2]

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41. Jasmine spent $\frac{1}{6}$ of her salary on food and \$90 on transport. She saved the remaining \$930.

(a) How much did she spend on food?

(b) How much was Jasmine's salary?

Do not write in this space

Ans : (a) _____ [2]

(b) _____ [1]

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42. The total mass of a basket containing 2 similar pineapples and 2 similar oranges was 2.23 kg. When a pineapple and an orange were removed from the basket, the total mass became 1.18 kg. What was the mass of the empty basket?

Do not write in this space

Ans : _____ [4]

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43. There were 132 more cookies on Tray A than Tray B. 116 cookies were transferred from Tray B to Tray A. Tray A then had 3 times as many cookies as Tray B. How many cookies were there on Tray A at first?

Do not write in this space

Ans : _____ [4]

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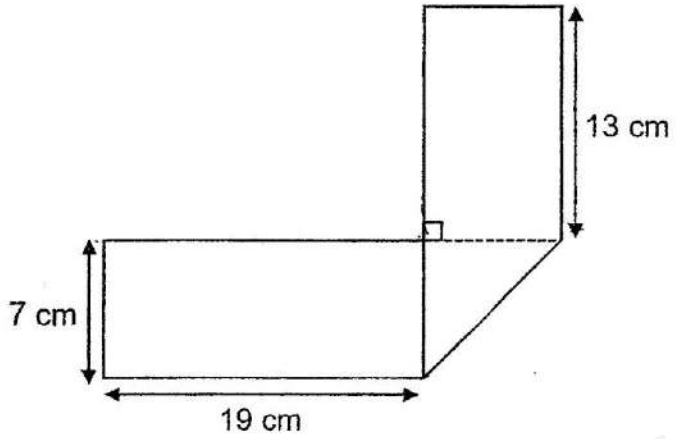
44. A rectangular piece of paper is folded to form the figure shown below.



(a) What is the length of the rectangular piece of paper before it is folded?

(b) What is the area of the rectangular piece of paper before it is folded?

Ans : (a) _____ [2]

(b) [2]

Do not write in this space

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Do not write in this space

45. Henry used grey and white tiles to make figures as shown below. The figures form a pattern.

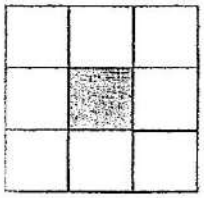

Figure 1

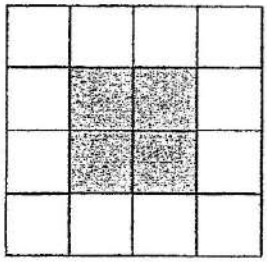

Figure 2

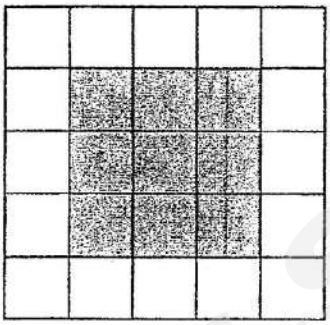

Figure 3

(a) Complete the table below.

Figure	Number of grey tiles	Number of white tiles	Total number of tiles
1	1	8	9
2	4	12	16
3	9	16	25
4	16		

[2]

(b) Which figure has a total of 81 tiles?

Ans : (b) Figure _____ [2]

End of Paper

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ANSWER KEY

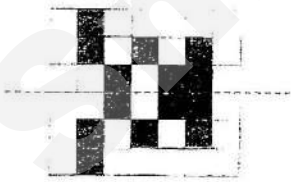
YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : SA2

BOOKLET A

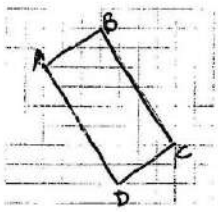
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	4	3	3	3	4	1	1	3	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	
3	2	3	2	1	4	1	3	3	

BOOKLET B

Q20) 60 081
Q21) 75°
Q22) $\frac{3}{7}$ *and* $\frac{4}{9}$
Q23) 5.38
Q24) 41
Q25) Laura and Friends
Q26) 182 cm
Q27) 100 cm^2
Q28) 1440
Q29) 16
Q30) 0.29
Q31) 7
Q32) 32
Q33) $1\frac{4}{9}$
Q34)



Q35)



Q36) 30
Q37) 165
Q38) 6 and 14
Q39) 30

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SECTION C

Q40a)

Statement	True	False
$\angle d$ *is a right angle.*	✓	
$\angle c$ *is an obtuse angle.*	✓	

b) (16 °)

90 – 58 = 32

32 ÷ 2 = 16

Q41a) ($204)

90 + 930 = 1020

1020 ÷ 5 = 204

b) ($1224)

204 × 6 = 1224

Q42) (0.13 kg)

2.23 – 1.18=1.05

1.18-1.05=0.13

Q43) (430)

116 × 2 = 232

232 + 132 = 364

364 ÷ 2 = 182

182 + 116 = 298

298 +132 = 430

Q44)a) (39 cm)

19 + 7 = 26

26 + 13 = 39

b) (273 cm^2)

7 × 39 = 273

Q45)a)

Figure	Number of grey tiles.	Number of white tiles.	Total number of tiles.
4	16	20	36

b) (7)

81 = 9 × 9

9 – 2 = 7

THE END

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HENRY PARK PRIMARY SCHOOL
2018 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 4

Name: _____ ( ) Parent's Signature

Class: Primary 4 _____ _____

Duration of Paper: 1 h 45 min

Marks:

Section A (MCQ)	20
Section B (Open-Ended)	50
Section C (Problem Sums)	30
Total	100

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

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

1. In which of the following numbers does the digit 8 stand for 800?

   (1) 5708

   (2) 5870

   (3) 7085

   (4) 8570 ( )

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

   (1) 1523, 1532, 1352

   (2) 1352, 1523, 1532

   (3) 1352, 1532, 1523

   (4) 1532, 1523, 1352 ( )

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3. Which of the following fractions is in its simplest form?

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

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

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

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

( )

4. Which of the following decimals is the smallest?

(1) 3.06

(2) 3.14

(3) 3.027

(4) 3.203

( )

5. $10.56 \times 9 =$ _____

(1) 19.56

(2) 90.04

(3) 90.56

(4) 95.04

( )

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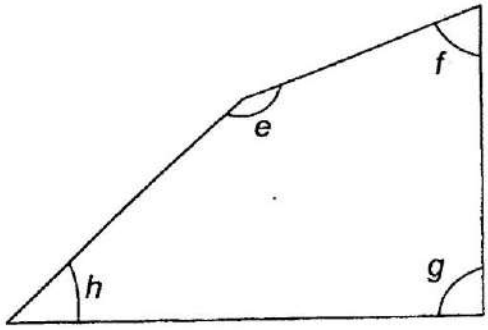
6. In the figure, which angle is greater than a right angle?



(1) $\angle e$

(2) $\angle f$

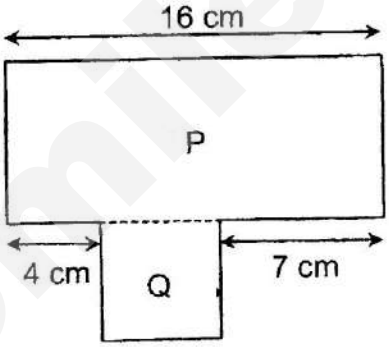
(3) $\angle g$

(4) $\angle h$

( )

7. The figure below is made up of rectangle P and square Q.

Find the area of square Q.



(1) 16 cm^2

(2) 20 cm^2

(3) 25 cm^2

(4) 27 cm^2

( )

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8. The table below shows the number of children in each family in a neighbourhood.

Number of children in each family	0	1	2	3	4	5
Number of families	9	16	20	25	8	3

How many families have more than 3 children?

(1) 11
(2) 25
(3) 36
(4) 45 ( )

9. There are 35 children on a bus. $\frac{3}{5}$ of the children are boys.

How many girls are there on the bus?

(1) 7
(2) 14
(3) 21
(4) 32 ( )

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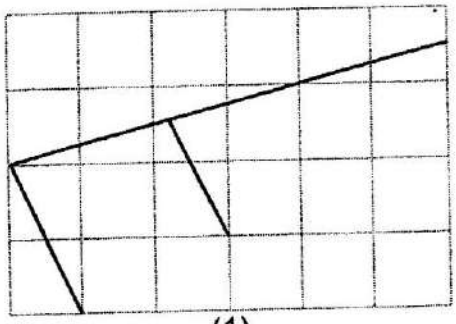
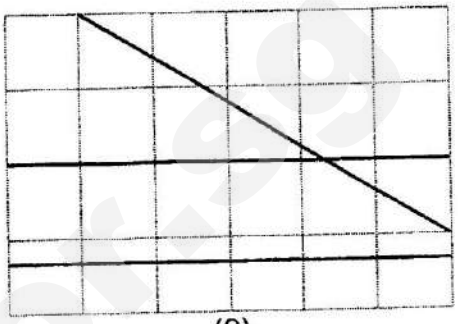
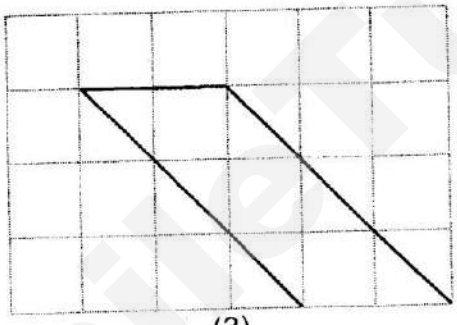
10. James drew three straight lines such that there are both parallel and perpendicular lines in a square grid. Which of the following are the lines that he drew?



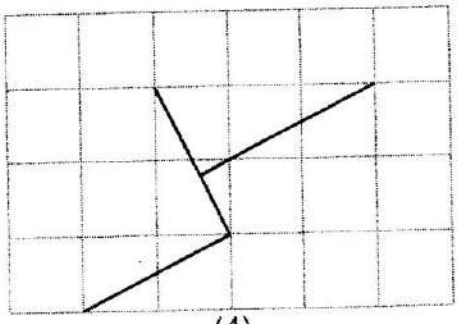
(1)



(2)



(3)



(4)

( )

(Go on to Section B)

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NAME: _____ CLASS: Primary 4 _____

Section B: Open-Ended Questions (25 × 2 marks = 50 marks)
Read the questions carefully and write the correct answer in the blanks provided. Show all workings clearly.

11. Write sixty-seven thousand, eight hundred and ninety-five in figures.

Ans: _____

12. Some factors of 20 are 1, 2, 4 and 20. What are the other two factors of 20?

Ans: _____ and _____

13. 4488 ÷ 6 = _____

Ans: _____

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14. What is the value of $\frac{9}{10} + \frac{4}{5}$?

Express your answer as a mixed number.

Ans: _____

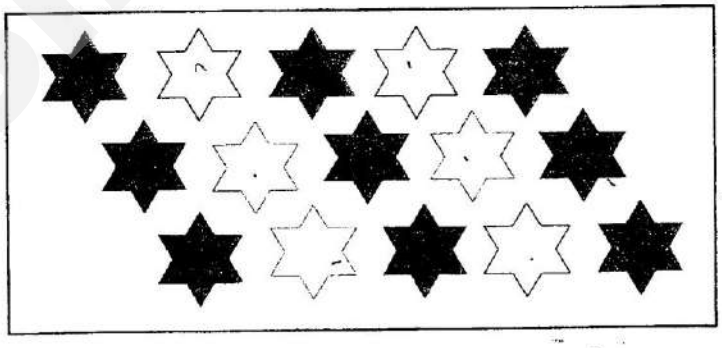
15. Arrange the following fractions from the greatest to the smallest.

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

Ans: _____ , _____ , _____

(greatest) (smallest)

16. What fraction of the stars shown are shaded grey?



Ans: _____

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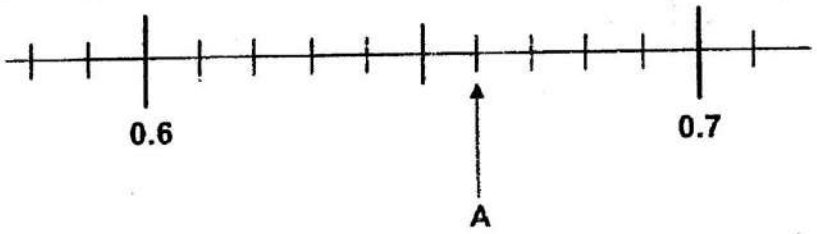
17. Write the **decimal** represented by A.

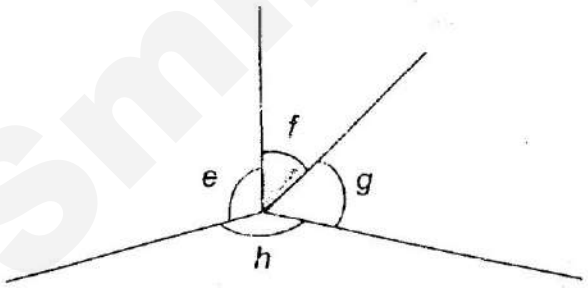


Ans: _____

18. Round 27.65 to the **nearest whole number**.

Ans: _____

19. In the figure below, **name the smallest angle**.



Ans: ∠ _____

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20. The side of a square measures **7 cm**. What is the **perimeter of the square?**

Ans: _____ cm

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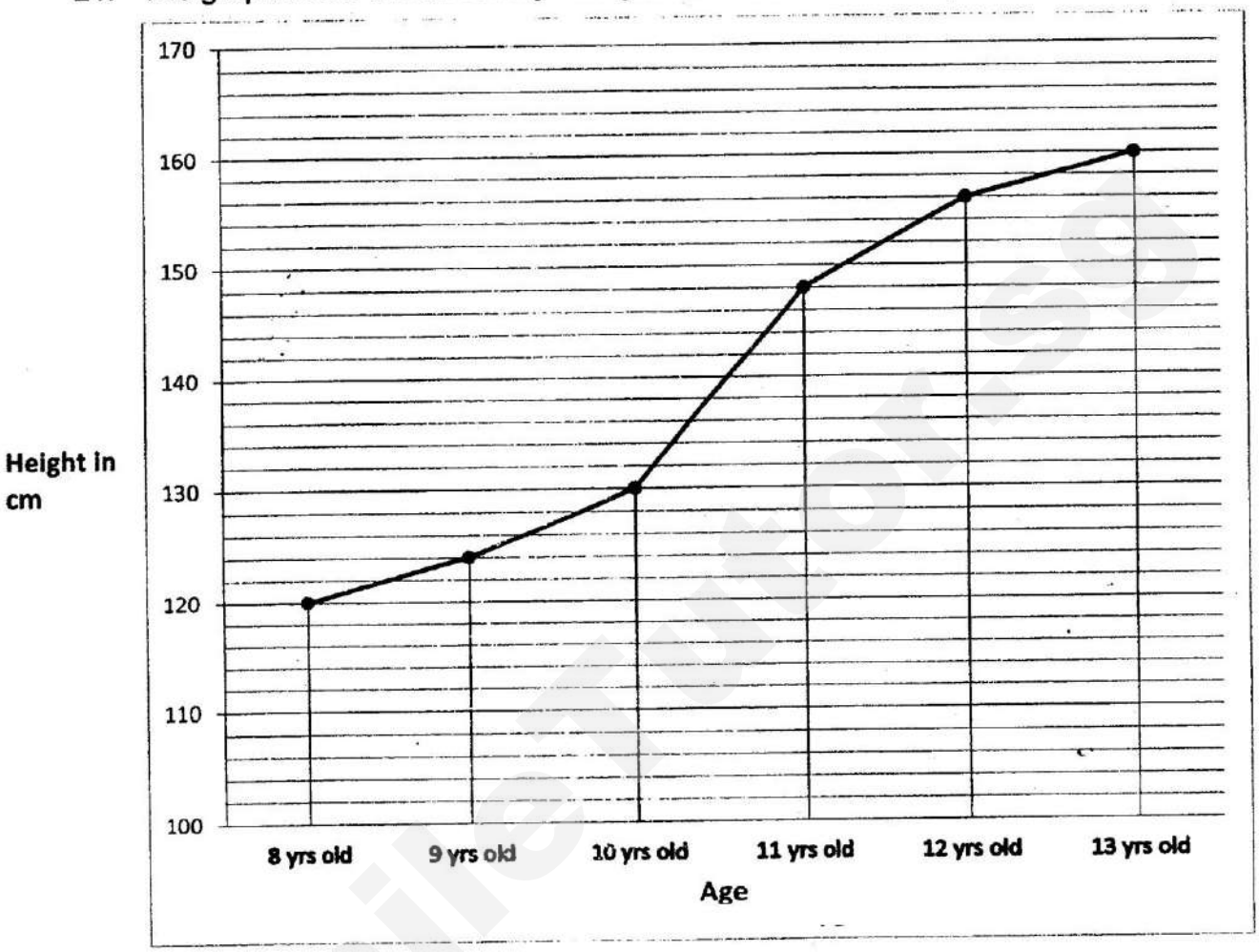
21. The graph below shows Jimmy's height when he was 8 to 13 years old.



What was the increase in his height between 10 to 11 years old?

Ans: _____ cm

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22. The table below shows the prices of movie tickets in a cinema.

	Types of movie	Ticket Prices	
		Adult	Children
Monday to Thursday	2D	$6.50	$4
	3D		
Friday to Sunday	2D	$9.00	$4
	3D	$12.50	$4

Mr and Mrs Selva and their 2 children wanted to watch a 3D movie.
How much more would the movie tickets cost in total if they watched the 3D movie on a Saturday than on a Monday?

Ans: $ _____

23. A wooden box with 5 identical books has a mass of 3.55 kg. The mass of the wooden box is 1.25 kg when empty. What is the mass of each book?

Ans: _____ kg

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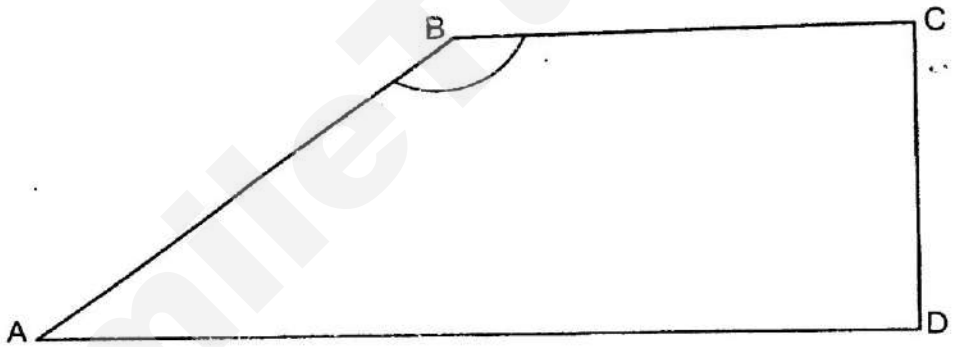
24. Kathy mixed 1.2 ℓ of orange juice with 0.95 ℓ of apple juice to make a bottle of fruit punch. How many litres of fruit punch were there in three such bottles?

Ans: _____ ℓ

25. Measure and write down the size of ∠ABC.



Ans: _____ °

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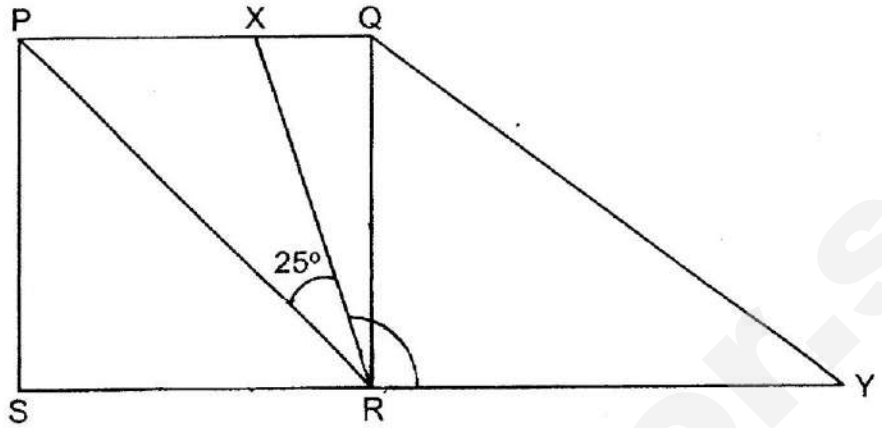
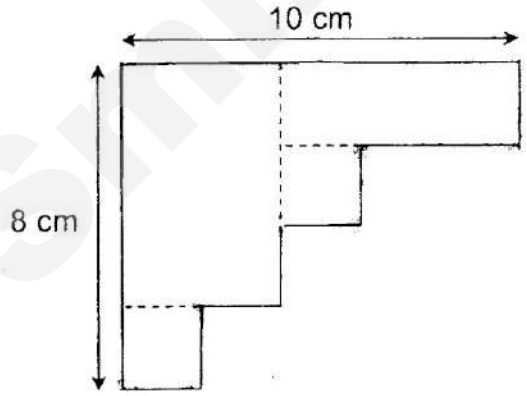
26. In the figure, PQRS is a square. SRY is a straight line. ∠PRX = **25**°

Find ∠XRY.

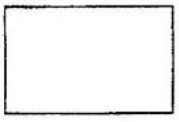


Ans: _____ °

27. The figure below is made up of 2 squares and 2 rectangles. Find the perimeter of the figure.



Ans: _____ cm



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28. Mrs Tan took 1 h 45 min to cook dinner. She finished cooking dinner at 6 p.m. What time did she start cooking dinner? Give your answer in the 24-hour clock.

Ans: _____

29. The table below shows the number of hamburgers sold in a canteen in a week. Each hamburger was sold at $2.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Number of hamburgers sold	13	20	27	32	18

Find the total amount of money collected from the sale of hamburgers from Wednesday to Friday.

Ans: $ _____

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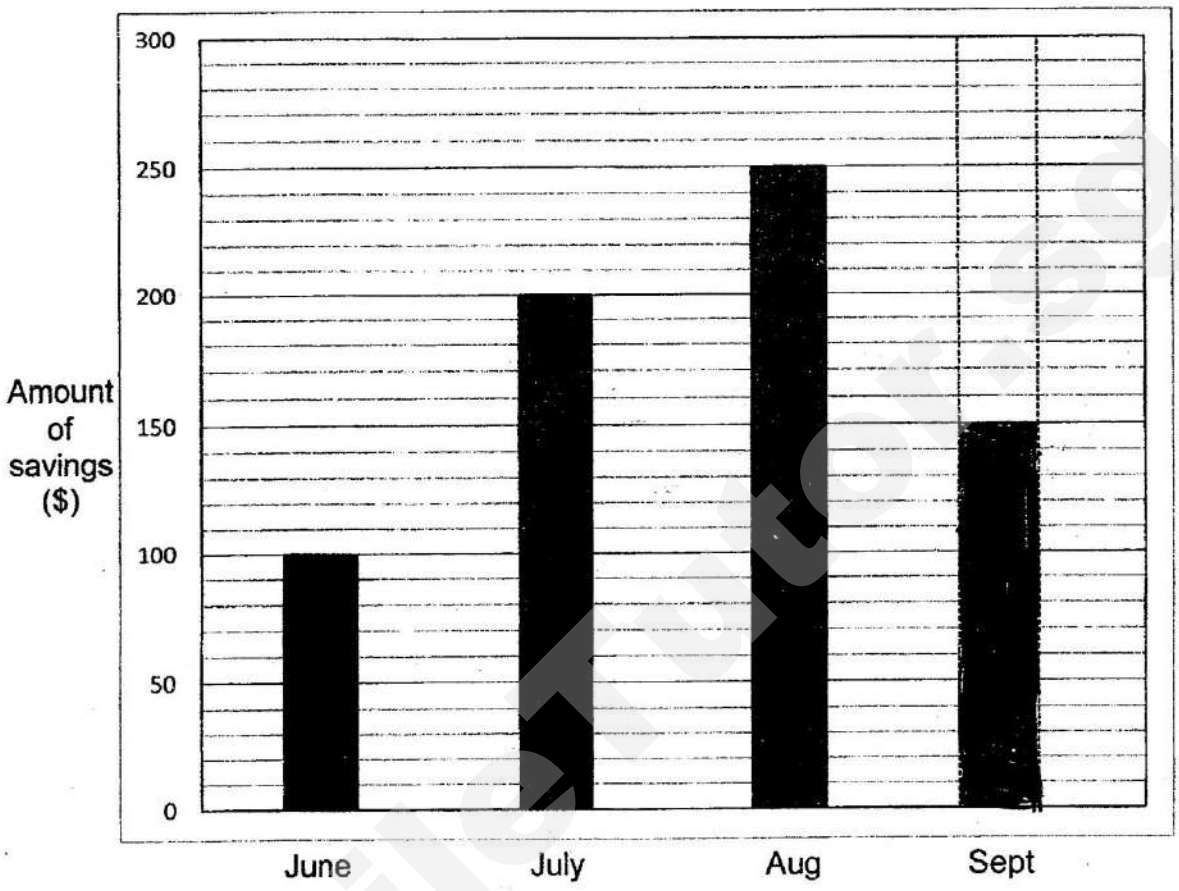
30. The graph below shows the amount of money Siti saved from June to September. She saved a total of $700 in the four months. In the graph below, draw the bar to show the amount of money Siti saved in September.



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31. 10 identical ties and 6 identical shirts cost $60.
5 such ties cost as much as 3 such shirts. What is the cost of one such shirt?

Ans: $ _____

32. David and Alice have a total of $240. Alice has twice as much money as David. How much money must Alice give to David so that they will have the same amount of money?

Ans: $ _____

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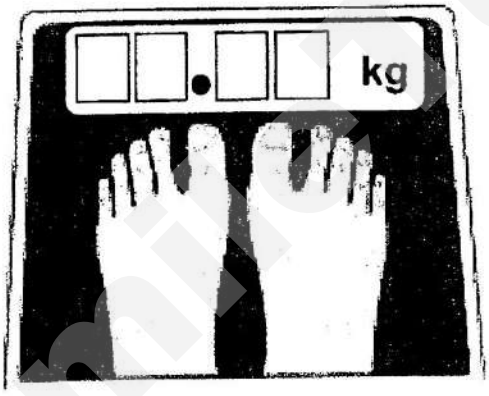
33. John bought 8 identical markers. He gave the cashier $20 and received a change of $7.60. What is the cost of one marker?

Ans: $ _____

34. Mr Chen weighed himself on a weighing scale as shown below. When he rounded his mass to 1 decimal place, his mass was 59.8 kg. What is the greatest possible mass shown on the weighing scale?



Ans: _____ kg

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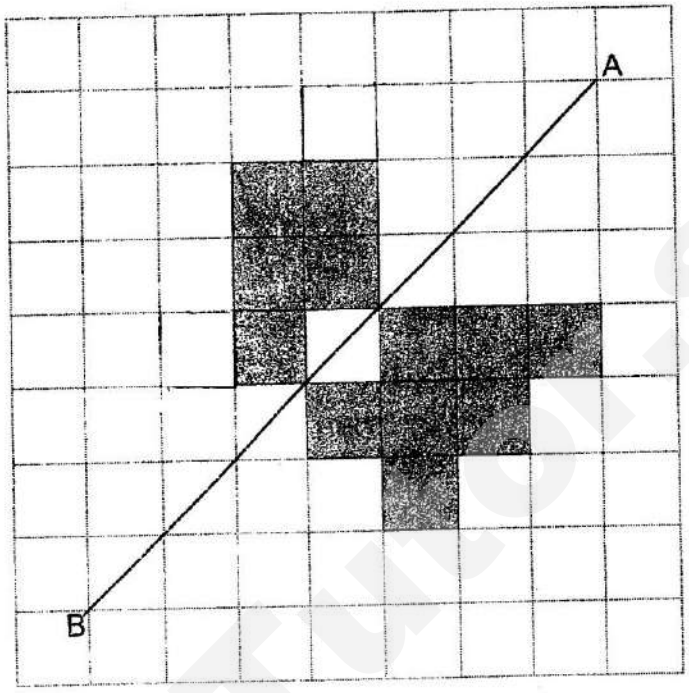
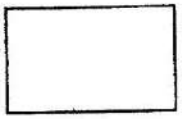
35. In the figure, AB is a line of symmetry. Shade 2 unit squares in the square grid to form a symmetrical figure.





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NAME: _____ CLASS: Primary 4 _____

Section C: Problem Sums (30 marks)

Read the following problem sums carefully. You may draw models to help you. Show all workings clearly and write your answers in the spaces provided. The number of marks allocated is shown in brackets [ ] at the end of each question.

36. Sarah bought some pears and packed them into boxes of 15. After packing the pears into 125 such boxes, she had 7 pears left.

(a) How many pears did Sarah buy?

(b) How many more pears must Sarah buy so that she can have 180 such boxes of pears?

Ans: (a) _____ [2]

(b) _____ [2]

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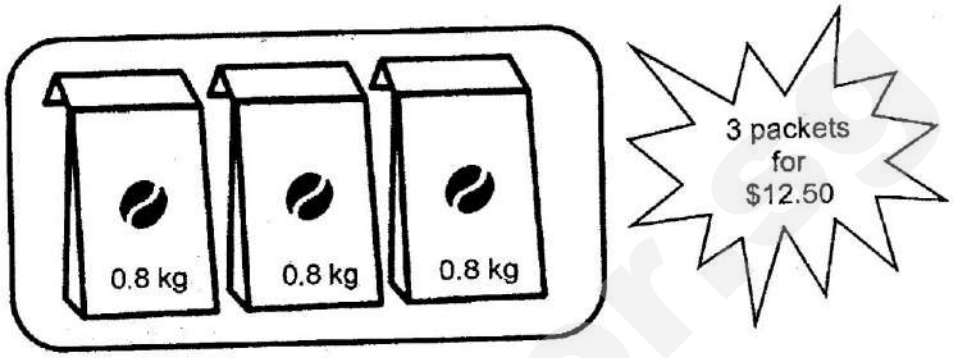
37. At a supermarket, packets of coffee beans are sold only in boxes of 3 as shown below. The cost of each box is $12.50. The mass of each packet of coffee beans is 0.8 kg.



(a) What is the total mass of 9 such packets of coffee beans?

(b) How much would 12 such packets of coffee beans cost?

Ans: (a) _____ [2]

(b) _____ [2]

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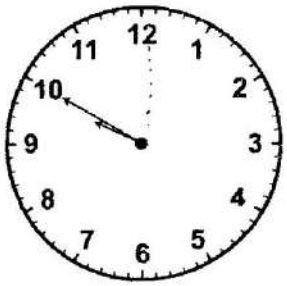
38. On a weekend, Ben spent a total of 3 h 10 min revising for his English, Science and Mathematics tests. He took 50 min to revise for his English test and 1 h 25 min to revise for his Science test.

(a) How long did Ben take to revise for his Mathematics test? Express your answer in minutes.

(b) Ben began revising for his Science test in the evening at the time shown on the clock below. What time did he finish revising for his Science test? Express your answer in the 24-hour clock.



Ans: (a) _____ [2]

(b) _____ [2]

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39. John collected 300 bookmarks. He gave $\frac{7}{10}$ of them to Bill, $\frac{1}{5}$ of them to Alice and kept the rest for himself.

(a) What fraction of the bookmarks did John keep for himself?

(b) How many more bookmarks did John give to Bill than Alice?

Ans: (a) _____ [1]

(b) _____ [2]

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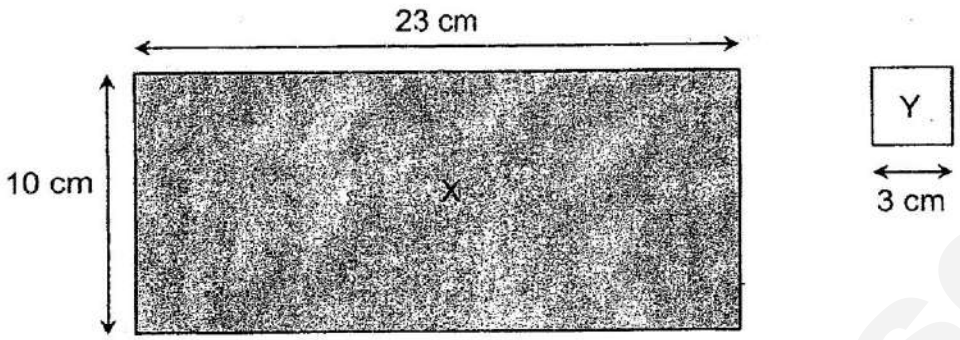
40. The diagrams below show a rectangular cardboard X and a square Y.



Ali cut as many square Y as he could from rectangular cardboard X.
The remaining part of rectangular cardboard X is shown in Figure 1 below.

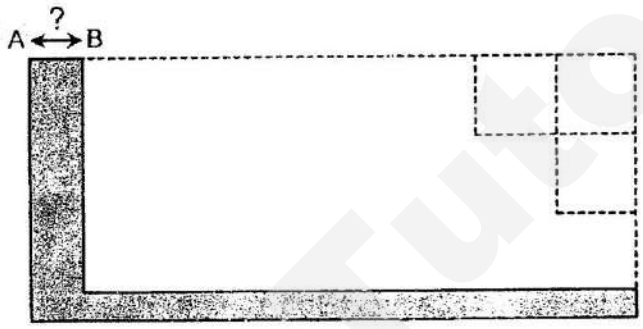


Figure 1

a) What is the length of AB as shown in Figure 1?

b) What is the greatest number of square Y that Ali could cut from rectangular cardboard X?

Ans: (a) _____ [1]

(b) _____ [3]

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41. Gina and Hazel had the same amount of money. After Gina spent $59 and Hazel spent $5, Hazel had 4 times as much money left as Gina.
Find the total amount of money Gina and Hazel had altogether at first.

Ans: _____ [4]

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42. Jane painted a grey square on rectangle ABCD as shown below.

The length of BC is twice of EC. The length of AD is $\frac{1}{2}$ of AB. Find the area of the unpainted part of rectangle ABCD.



Ans:_____ [3]

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43. Katy uses sticks and buttons to form figures that follow a pattern.
The first four figures are show below.

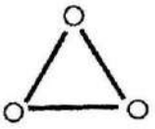
Figure 1

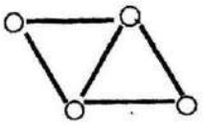
Figure 2

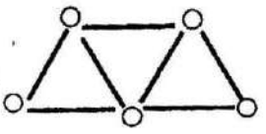
Figure 3

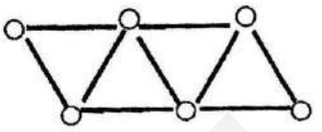
Figure 4

(a) The table shows the number of sticks and buttons Katy used for each figure.
Complete the table for Figure 5. [1]

Figure Number	**1**	**2**	**3**	**4**	**5**
Number of sticks	3	5	7	9	
Number of buttons	3	4	5	6	7

(b) A figure in the pattern has a total of 129 buttons. What is the figure number of that pattern?

(c) How many sticks are there in Figure 17?

Ans: (b) _____ [1]

(c) _____ [2]

-END OF PAPER-

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : HENRY PARK PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

SECTION A

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

SECTION B

Q11) 67 895

Q12) 10 and 5

Q13) 748

Q14) $1\frac{7}{10}$

Q15) $\frac{3}{4}, \frac{2}{3}, \frac{5}{12}$

Q16) $\frac{3}{5}$

Q17) 0.66

Q18) 28

Q19) f

Q20) 28cm

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Q21) 18

Q22) $12

Q23) 0.46 kg

Q24) 6.45

Q25) 145°

Q26) 110°

Q27) 36cm

Q28) 1615

Q29) $154

Q30) *Draw a bar that reads $150*

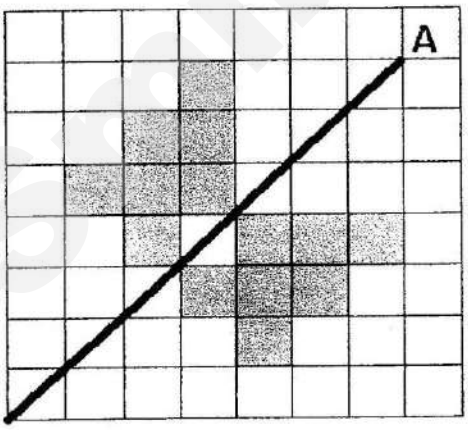
Q31) $5

Q32) $40

Q33) $1.55

Q34) 59.84 kg

Q35)



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SECTION C

Q36a) 125 x 15 =1875
1875 + 7 = <u>1882</u>

Q36b) 180 x 15 = 2700
2700 – 1882 = <u>818</u>

Q37a) 9 x 0.8 = <u>7.2 kg</u>

Q37b) $12.50 x 4 = <u>$50</u>

Q38a) 3 h 10 min – 50 min – 1hr 25 min = <u>55min</u>

Q38b) 21 50 + 1 h 25 min = <u>23 15</u>

Q39a) $\frac{1}{5} = \frac{2}{10}$

$1 - \frac{7}{10} - \frac{2}{10} = \frac{1}{10}$

Ans: $\frac{1}{10}$

Q39b) 300 ÷ 10 = 30
7 x 30 = 210
2 x 30 = 60
210 – 60 = <u>150</u>

Q40a) 23 ÷ 3 = 7 (R2)
AB = <u>2cm</u>

Q40b) 10 ÷ 3 = 3 (R1)
7 x 3 = <u>21</u>

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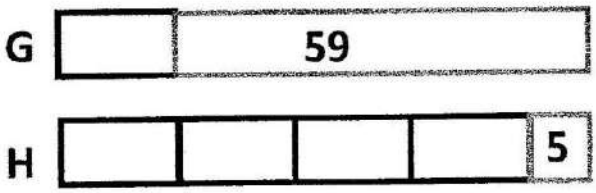
Q41)



59 – 5 = 54
54 ÷ 3 = 18
18 + 59 = 77
77 x 2 = <u>154</u>

Q42) 6 x 12 = 72
3 x 3 = 9
72 – 9 = <u>63 cm^2</u>

Q43a) 11

Q43b) Formula for no of buttons: Fig no + 2
129 – 2 = <u>127</u>

Q43c) Formula for no of sticks: Fig no x 2 + 1
17 x 2 = 34
34 + 1 = <u>35</u>

END

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MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 2

PRIMARY 4 MATHEMATICS

30 OCTOBER 2018

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.

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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. 45 thousands and 8 tens is the same as _____.

   (1) 458
   (2) 4580
   (3) 45 008
   (4) 45 080

2. The digit 6 in 3.625 stands for 6 _____.

   (1) ones
   (2) tens
   (3) tenths
   (4) hundredths

3. 37 451 rounded to the nearest hundred is _____.

   (1) 37 000
   (2) 37 400
   (3) 37 450
   (4) 37 500

4. $7\frac{5}{6} = \frac{\square}{6}$

   What is the missing number in the box?

   (1) 35
   (2) 37
   (3) 42
   (4) 47

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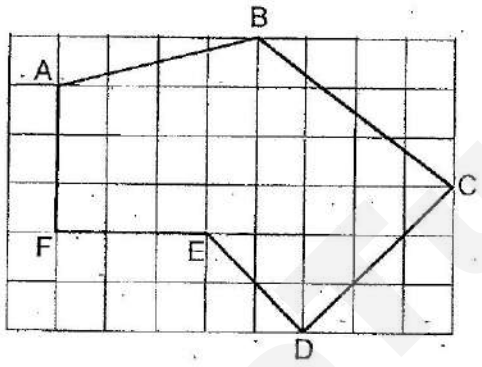
5. 3 and 4 are factors of _____.

(1) 15
(2) 16
(3) 24
(4) 26

6. Figure ABCDEF is drawn on the square grid shown. Which one of the following statements is true?



(1) AF is parallel to FE
(2) BC is parallel to ED
(3) BC is perpendicular to CD
(4) CD is perpendicular to ED

7. Mr Lim had $4800. He gave $1200 to his wife and the rest of the money equally to his 3 children. How much did each child receive?

(1) $1200
(2) $1600
(3) $2000
(4) $3600

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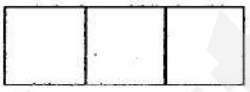
8. $\frac{3}{10}$ of a box is filled with rice. 210 g of rice is needed to fill up the remaining space in the box. How much rice can the box hold?

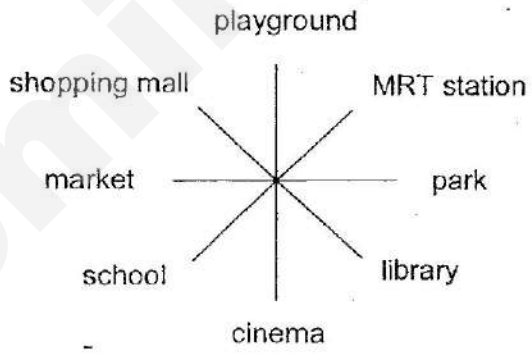
(1) 240 g
(2) 300 g
(3) 630 g
(4) 700 g

9. The figure below is made up of 3 identical squares. It has a perimeter of 32 cm. What is the area of each square?



(1) 8 cm^2
(2) 12 cm^2
(3) 16 cm^2
(4) 48 cm^2

10. Kumar faces the school after turning 225° anti-clockwise. Where was he facing before the turn?



(1) park
(2) library
(3) market
(4) playground

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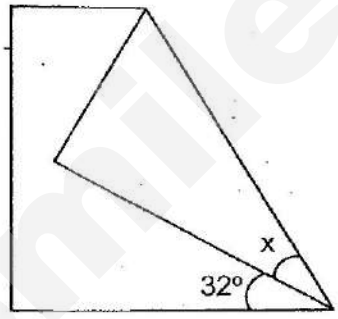
11. Ben has 9 coins with a value of \$2.20. The coins are a mixture of 1-dollar, 20-cent and 10-cent coins. How many 20-cent coins does Ben have?

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

12. Mdm Tan bought 45 kg of rice. She gave $\frac{3}{5}$ of the rice away. How much rice had she left?

(1) 9 kg
(2) 18 kg
(3) 27 kg
(4) 30 kg

13. The figure below is a square paper folded at the corner. Find the size of $\angle x$.



(1) 26°
(2) 29°
(3) 32°
(4) 58°

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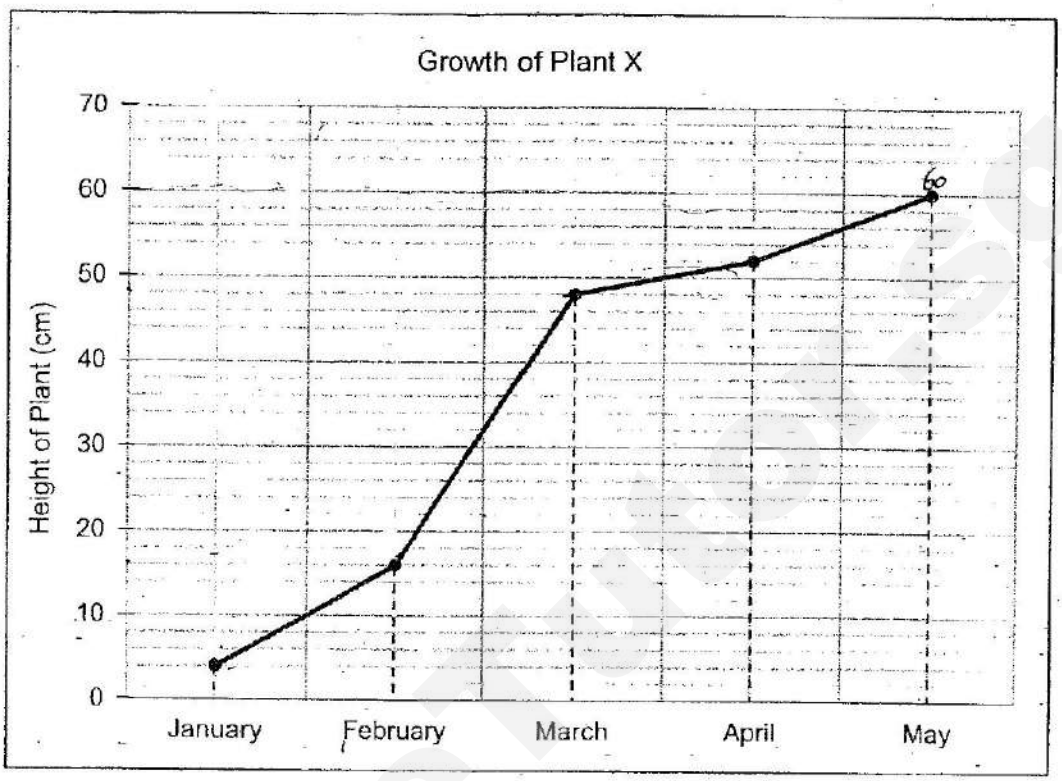
Below is a graph that records the growth of a plant. Study the graph and answer questions **14** and **15**.



14. In which period was the increase in the plant's height the greatest?

(1) January to February
(2) February to March
(3) March to April
(4) April to May

15. In which period did the plant grow by 4 cm?

(1) January to February
(2) February to March
(3) March to April
(4) April to May

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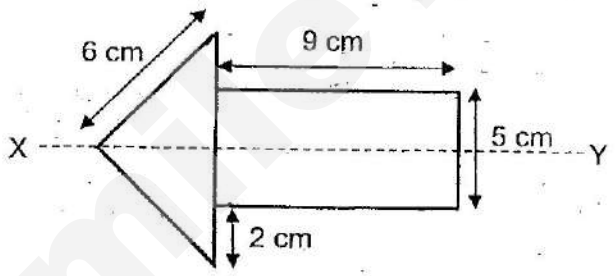
16. A group of 250 children was asked to name their favourite colours. The table below shows their choices.

Colours	Green	Red	Yellow	Blue
No. of children	85	45	55	65

Which two colours were chosen as the favourite colours by $\frac{3}{5}$ of the children?

(1) green and blue
(2) red and yellow
(3) green and red
(4) yellow and blue

17. The arrow below is made up of a triangle and a rectangle. XY is the line of symmetry. Find the perimeter of the figure.



(1) 22 cm
(2) 34 cm
(3) 39 cm
(4) 44 cm

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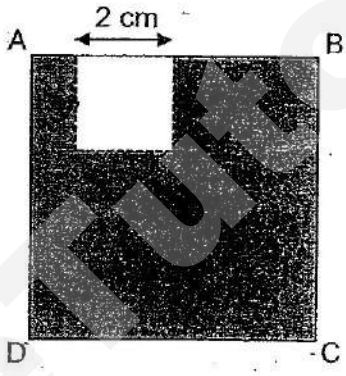
18. Bob has \$110. Lily has twice as much money as Bob.
Yati has \$20 more than Bob. How much money do they have altogether?

(1) \$570
(2) \$460
(3) \$420
(4) \$350

19. ABCD is a square piece of paper. It has an area of 36 cm². A small square of side 2 cm is cut out from it. What is the perimeter of the remaining piece of paper?

(1) 20 cm
(2) 24 cm
(3) 28 cm
(4) 32 cm



20. The table shows 2 different number patterns.

Pattern 1	**4, 9, 14, 19, ...**
Pattern 2	**6, 9, 12, 15, ...**

The number 9 appears in both patterns. Which one of the following numbers will also appear in both patterns?

(1) 24
(2) 27
(3) 30
(4) 36

End of Booklet A
Go on to Booklet B

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Section B (20 x 2 = 40 marks)

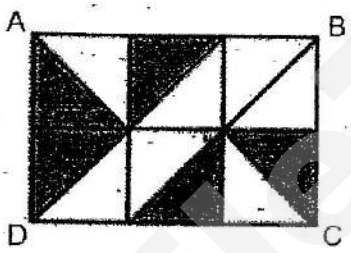
Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

21. Subtract 254 from 843.

Do not write in this space.

Answer: _____

22. In the figure below, rectangle ABCD is made up of 6 unit squares. What fraction of rectangle ABCD is shaded?



Answer: _____

23. Which two of the fractions below are in the simplest form?

$\frac{3}{5}$, $\frac{6}{9}$, $\frac{4}{8}$, $\frac{6}{7}$

Answer: _____ and _____

SCORE

(Go on to the next page)

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

$$\frac{1}{2}, \frac{5}{6}, \frac{1}{12}$$

Do not write in this space.

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

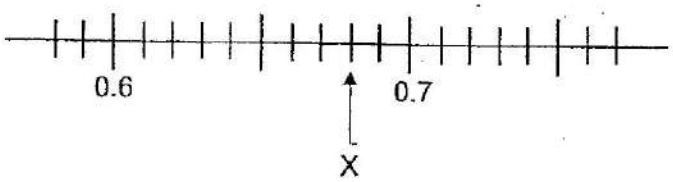
25. $\frac{5}{9} - \frac{1}{3} =$

Answer: _____

26. Write 4 hundredths in figures.

Answer: _____

27. Write the decimal represented by X.



Answer: _____

SCORE

(Go on to the next page)

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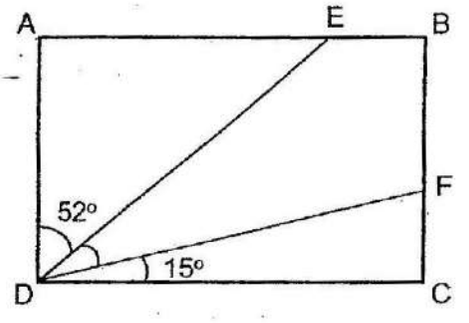
28. $14.79 + 0.25 =$ _____

Do not write in this space.

Answer: _____

29. In the figure shown, ABCD is a rectangle. Find ∠EDF.

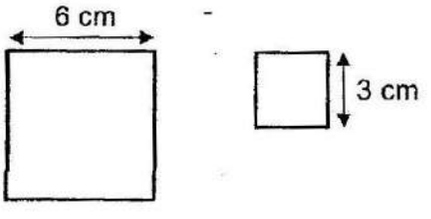


Answer: _____ °

30. Eugene left Singapore at 10.30 p.m. on Friday night and reached another country at 8.40 a.m. Singapore time the next day. How long did the journey take?

Answer: _____ h _____ min

31. The side of a big square is 6 cm and the side of a smaller square is 3 cm. Find the total area of the two squares.



Answer: _____ cm^2

SCORE

(Go on to the next page)

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32. At a shop, apples were sold at 4 for $3. How much did Alex pay for 24 apples?



Answer: $_____

Do not write in this space.

33. A chair cost $125 and a table cost 3 times as much as the chair. Mr Lim bought 6 chairs and a table. How much did he spend in total?



Answer: $_____

34. The opening hours of a clinic on a weekday are shown below. How long is the clinic open on a weekday?

Weekday opening hours

9.00 am – 12.00 pm
2.00 pm – 4.30 pm
7.00 pm – 9.00 pm

Answer: _____h_____ min

SCORE

(Go on to the next page)

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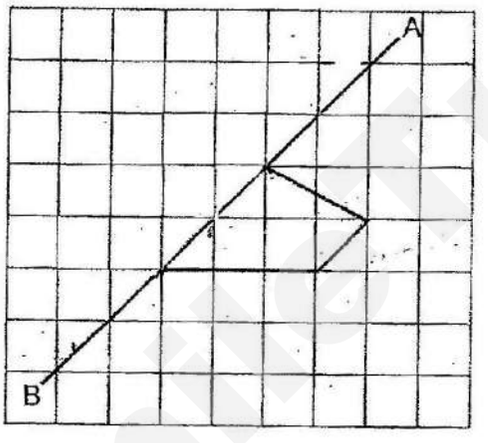
35. How many right angles does the hour hand move from 10 a.m. today to 1 a.m. tomorrow?

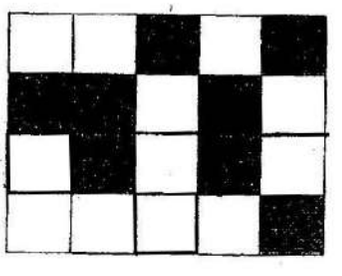
Do not write in this space.

Answer: _____

36. (a) Draw to complete the symmetric figure below with AB as the line of symmetry.



(b) The figure below is made up of squares. Shade **2 more** squares so that the figure has a line of symmetry.



SCORE

(Go on to the next page)

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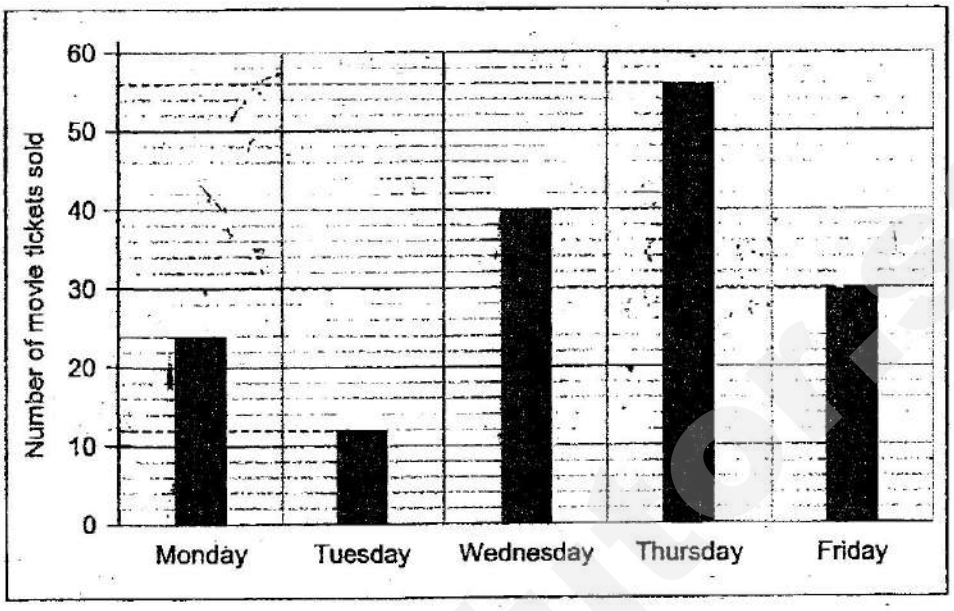
The bar graph below shows the number of movie tickets sold from Monday to Friday. Study the graph and answer questions **37** and **38**.

Do not write in this space.



37. Find the difference between the most and the least number of tickets sold from Monday to Friday.

Answer: _____

38. Each movie ticket cost $8. How much more money was collected on Wednesday than on Monday?

Answer: $_____

SCORE

(Go on to the next page)

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39. The table below shows the number of soft toys and bookmarks made by 4A students for a charity project. Each student made either one soft toy or 3 bookmarks.

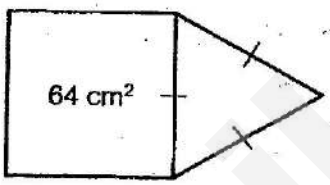
Do not write in this space.

Class	Soft Toys	Bookmarks
P4A	25	39

How many students are there in class 4A?

Answer: _____

40. The figure below is made up of a square and a triangle of 3 equal sides. The square has an area of 64 cm^2. Find the perimeter of the figure.



Answer: _____ cm

SCORE

(Go on to the next page)

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Section C (5 x 4 = 20 marks)

Work out the answers for each of the following questions. All workings must be shown.

41. A tin with 2 packets of cookies in it weighs 1.3 kg.
The same tin with 4 packets of cookies in it weighs 2.1 kg.

(a) What is the mass of one packet of cookies?

(b) What is the mass of the tin when it is empty?

Give your answers in kilograms.

Do not write in this space.

Answer: (a) _____ [2]

(b) _____ [2]

SCORE

(Go on to the next page)

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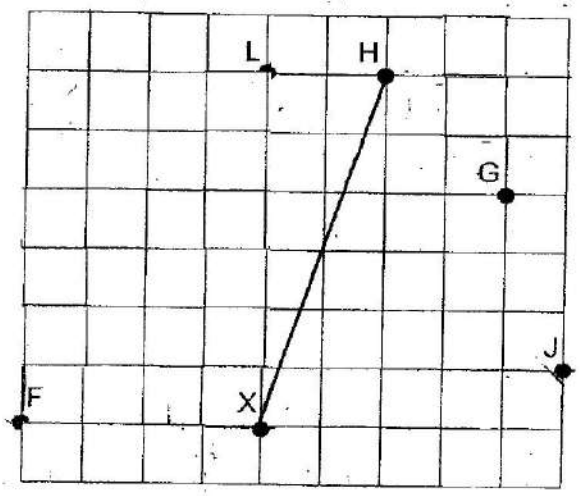
42. Refer to the grid to answer the questions that follow.

Do not write in this space.





(a) Ahmad was at a certain point. He walked as described below:

- 4 steps to the east,
- 3 steps to the south,
- 4 steps to the west, and then
- 3 steps to the south.

He ended up at point X. What was his starting point?

(b) If F is west of point X, G is _____ of point X.

(c) Benny is standing at point J and is facing east.

If he turns through an angle of _____° in an anti-clockwise direction, he will be facing point L.

(d) Draw a line to join point F to X. Draw another line to join point X to H. **Measure** the angle formed by the two lines.

Answer: (a) Point _____ [1]

(b) _____ [1]

(c) _____ [1]

(d) _____ [1]

SCORE

(Go on to the next page)

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43. Alice and Ben had a total of $360.

After Alice gave Ben $55, Ben had 3 times as much money as Alice.

How much money did Ben have at first?

Do not write in this space.

Answer: _____ [4]

SCORE

(Go on to the next page)

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44. The poster below shows the prices of tickets for a school Music Concert.

Do not write in this space.



(a) How much would a family of 2 adults and 3 children pay to watch the Music Concert?

(b) Mr Wong bought an equal number of adult and children tickets for this Music Concert. He paid $210 in total. How many tickets for children did he buy?

Answer: (a) _____ [2]

(b) _____ [2]

SCORE

(Go on to the next page)

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45. Sunshine Minimart is having a special promotion on fish balls. For every 3 packets bought, a customer gets another packet for free.

Do not write in this space.



Mrs Ang needs 20 packets of fish balls. She plans to get them from Sunshine Minimart.

(a) What is the least amount of money she has to pay for 20 packets of fish balls?

(b) How many packets of fish balls will she get for free?

Answer: (a)_____ [3]

(b)_____ [1]

END OF PAPER

SCORE

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YEAR	:	**2018**
LEVEL	:	**PRIMARY 4**
SCHOOL	:	**MARIS STELLA HIGH SCHOOL (PRIMARY)**
SUBJECT	:	**MATHEMATICS (PAPER 1)**
TREM	:	**SA2**

SECTION A

Paper 1

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

BOOKLET B

Q21. 589

Q22. $\frac{5}{12}$

Q23. $\frac{3}{5}$ and $\frac{6}{7}$

Q24. $\frac{5}{6}, \frac{1}{2}, \frac{1}{12}$

Q25. $\frac{2}{9}$

Q26. 0.04

Q27. 0.68

Q28. 15.04

Q29. 23°

Q30. 10 h 10 min

Q31. $45cm^2$

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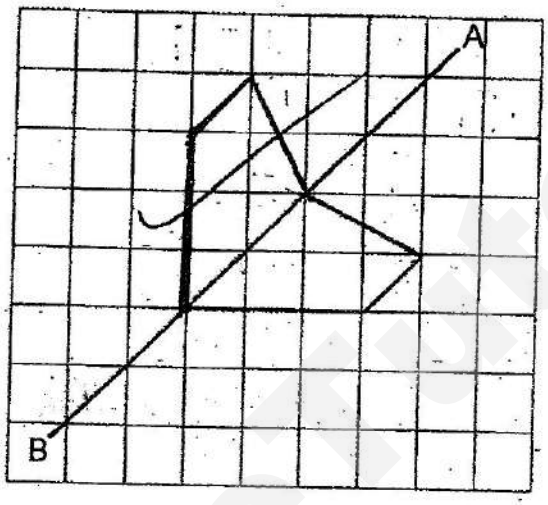
Q32. $18

Q33. $1125

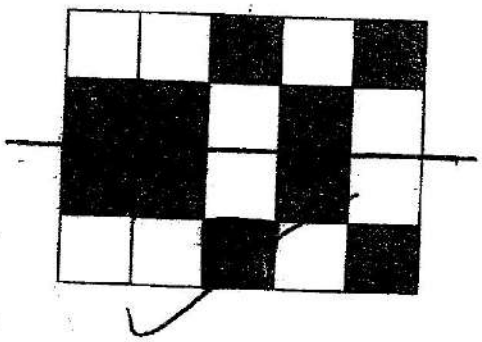
Q34. 7 h 30 min

Q35. 5

Q36. a)



b)



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Q37. 44 tickets

Q38. $128

Q39. 28 students

Q40. 40cm

Q41. a) $2.1 - 1.3 = 0.8$

$0.8 \div 2 = 0.4$

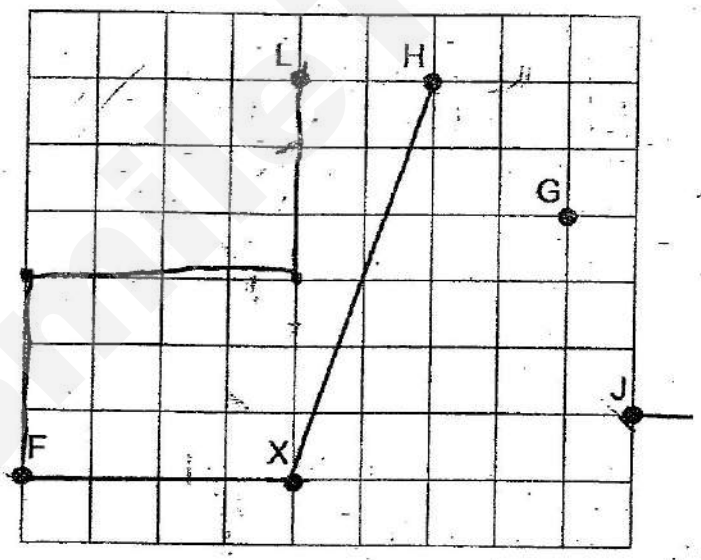
b) $0.4 \times 2 = 0.8$

$1.3 - 0.8 = 0.5$

Ans: a) 0.4 kg

b) 0.5 kg

Q42. a)





Ans: a) Point L

b) North-east

c) 135°

d) 110°

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Q43. $360 \div 4 = 90$

$90 \times 3 = 270$

$270 - 55 = 215$

Ans: $215

Q44. a) $25 + 25 = 50$

$10 \times 3 = 30$

$50 + 30 = 80$

b) $25 + 10 = 35$

$210 \div 35 = 6$

Ans: a) $80

b) 6

Q45. a) $20 \div 4 = 5$

$20 - 5 = 15$

$15 \times 2.90 = 43.50$

b) $3 + 1 = 4$

$20 \div 4 = 5$

Ans: a) $43.50

b) 5

END OF PAPER

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METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

END-OF-YEAR EXAMINATION 2018
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.
Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: _____( )

Class: Primary 4._____

Date: 26 October 2018

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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. 45 thousands and 6 tens is the same as _____.

(1) 456
(2) 4 560
(3) 45 006
(4) 45 060

2. Complete the following number pattern.

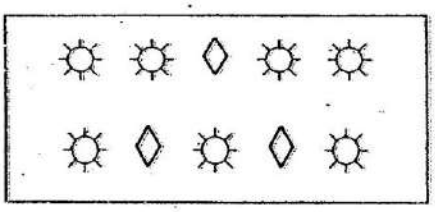
9, 13, 17, _____, _____, 29

(1) 23, 27
(2) 21, 26
(3) 21, 25
(4) 18, 28

3. Which of the following decimals is the smallest?

(1) 0.425
(2) 0.045
(3) 0.04
(4) 0.4

4. What fraction of the shapes in the box are ◊ ?



(1) $\frac{3}{7}$
(2) $\frac{7}{3}$
(3) $\frac{3}{10}$
(4) $\frac{7}{10}$

(Go on to the next page)

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5. Write $1\frac{4}{25}$ as a decimal.

(1) 1.425
(2) 1.016
(3) 1.16
(4) 1.4

6. A number when rounded to the nearest hundredth becomes 1.95.
What is the **largest** possible number?

(1) 1.945
(2) 1.952
(3) 1.955
(4) 1.965

7. $6\frac{5}{7} = \frac{\square}{7}$
What is the missing number in the box?

(1) 30
(2) 37
(3) 42
(4) 47

8. Which of the following pair of numbers has 24 as their **first** common multiple?

(1) 2 and 4
(2) 3 and 4
(3) 4 and 6
(4) 6 and 8

(Go on to the next page)

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9. A shopkeeper has 235 boxes. Each box contains 56 sweets. How many sweets are there in all?

(1) 12 160
(2) 13 160
(3) 14 260
(4) 25 850

10. A bookshelf weighs 3 times as heavy as a chair. The total mass of both bookshelf and chair is 48.6kg.
How heavy is the chair?

(1) 12.15 kg
(2) 16.20 kg
(3) 36.45 kg
(4) 145.8 kg

11. Tom took a flight from Beijing and landed in Changi Airport at 01 30. His flight took 6 h 25 min. What time did the plane take off?

(1) 07 05
(2) 07 55
(3) 19 05
(4) 19 55

12. Subtract 15.07 from 32.8 .

(1) 17.87
(2) 17.73
(3) 17.01
(4) 17.1

(Go on to the next page)

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The table below shows how 40 pupils in Primary 4A go to school.
Use the information and answer questions 13 and 14.

Mode of transport	Number of pupils
Walk to school	4
Public bus	3
By school bus	15
By MRT train	12
By Car	?

13. How many pupils go to school by car?

(1) 34
(2) 16
(3) 14
(4) 6

14. If each pupil pays $90 to the school bus driver each month, how much would the bus driver collect per month.

(1) $ 270
(2) $1 350
(3) $1 620
(4) $3 600

(Go on to the next page)

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15. What is the sum of $\frac{2}{3}$ and $\frac{3}{4}$?

(1) $1\frac{7}{12}$

(2) $1\frac{5}{12}$

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

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

16. Which of the figures below have only 2 lines of symmetry?

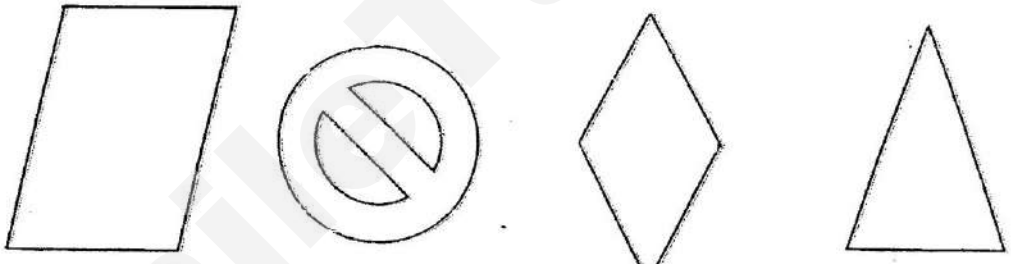

Figure A Figure B Figure C Figure D

(1) Figure A, C and D
(2) Figure B and C
(3) Figure A and B
(4) Figure C and D

(Go on to the next page)

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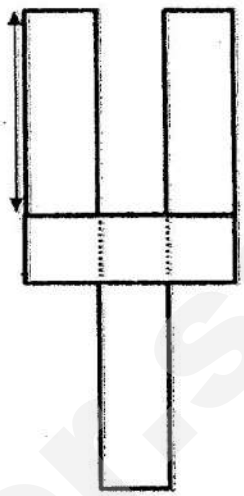
17. The figure below is made up of 4 **identical** rectangles.
What is the perimeter of the figure?



(1) 38 cm
(2) 40 cm
(3) 48 cm
(4) 52 cm

18. Ali and Gopal met at the shopping mall for movie at 08 35.
The movie ended at 11 15.
They then spent 55 min at a bookstore before heading home.
How much time did they spend together?

(1) 4 h 05 min
(2) 3 h 35 min
(3) 3 h 10 min
(4) 2 h 40 min

End of Booklet A

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METHODIST GIRLS' SCHOOL (PRIMARY)

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END-OF-YEAR EXAMINATION 2018
PRIMARY 4 MATHEMATICS
BOOKLET B

Total Time: 1 h 45 minutes

INSTRUCTIONS TO CANDIDATES

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

Name: _____ ( )

Class: Primary 4._____

Date: 26 October 2018

BOOKLET A	36
BOOKLET B	36
BOOKLET C	28
TOTAL	100
Parent's signature	

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Section B: (36 marks)

Questions 19 to 36 carry 2 marks each.
Write out the correct answers for the following questions in the space provided.
Show your working clearly and give your answers in the units provided.

19. Write fifteen thousand and twenty-six in figures.

Ans: _____

20. Some factors of 32 are 1, 2, 8 and 32.

What are the other two factors of 32?

Ans : _____

21. Round 65 320 to the nearest **hundred.**

Ans : _____

22. Arrange the following fractions from the **smallest** to the **greatest**.

$$\frac{6}{8}, \quad \frac{1}{2}, \quad \frac{6}{9}$$

Ans : _____ , _____ , _____
(smallest) (greatest)

(Go on to the next page)

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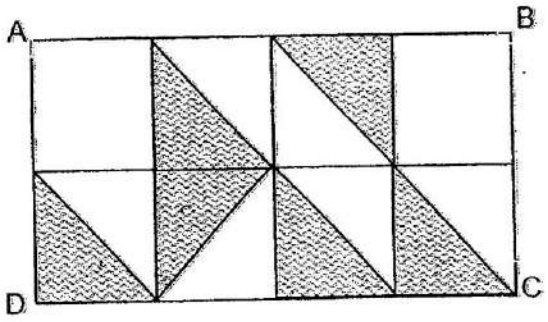
23. In the figure below, rectangle ABCD is made up of 8 unit squares. What fraction of the rectangle ABCD is shaded?



Ans : _____

24. Find the value of 12.76 × 8

Ans : _____

25. 19.06 - 0.97 = _____.

Ans : _____

26. Use the digits below to form the **smallest** **5-digit** odd number. The digit in the hundreds place is twice the digit in the ones place.

Each digit can be used **only once**.

4	5	1	6	3	2

Ans : _____

(Go on to the next page)

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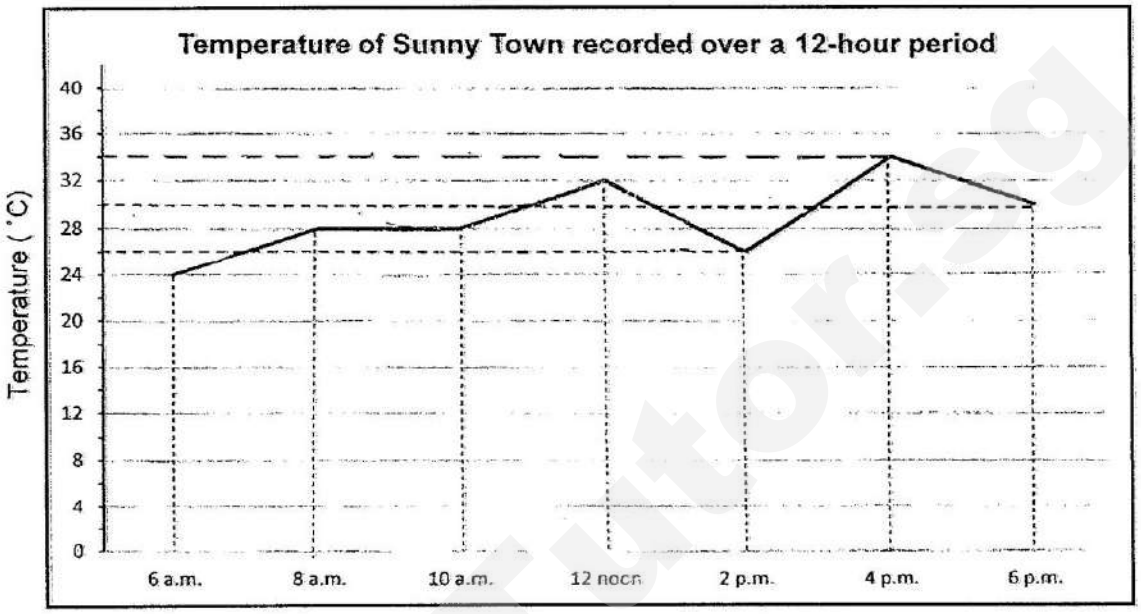
Study the graph carefully and answer questions 27 and 28.
The graph below showed the temperature of Sunny Town recorded over a 12-hour period.



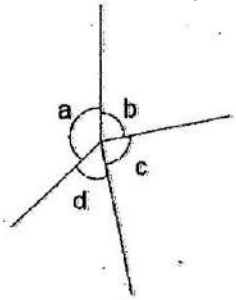
27. During which period of the day was the difference in temperature the greatest?

Ans : Between _____ and _____

28. What was the difference between the highest and lowest temperature?

Ans : _____ °C

29. In the figure below, name the **smallest** angle.



Ans : ∠ _____

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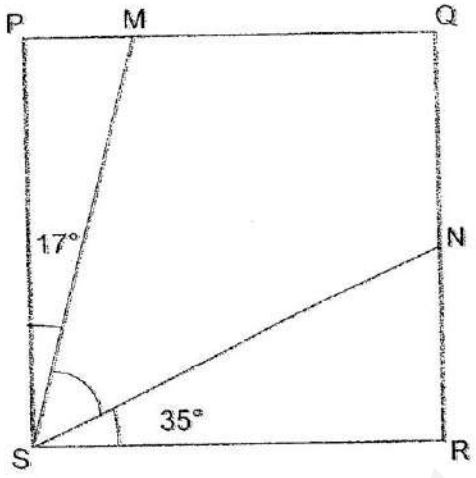
30. In the figure shown, PQRS is a square. Find $\angle$MSN.



Ans : _____

31. The clock below shows the time when Melissa left her house for school in the morning. The clock was 15 minutes slow.
What was the actual time she left school that morning?
(Give your answer using the 24-hour clock)



Ans : _____

32. Peter bought $2\frac{1}{2}$ kg of rambutans. His family ate $1\frac{1}{4}$ kg of rambutans and he gave some to his neighbour. He then had $\frac{3}{8}$ kg of rambutans left. What was the mass of rambutans he gave to his neighbour?

Ans : _____ kg

(Go on to the next page)

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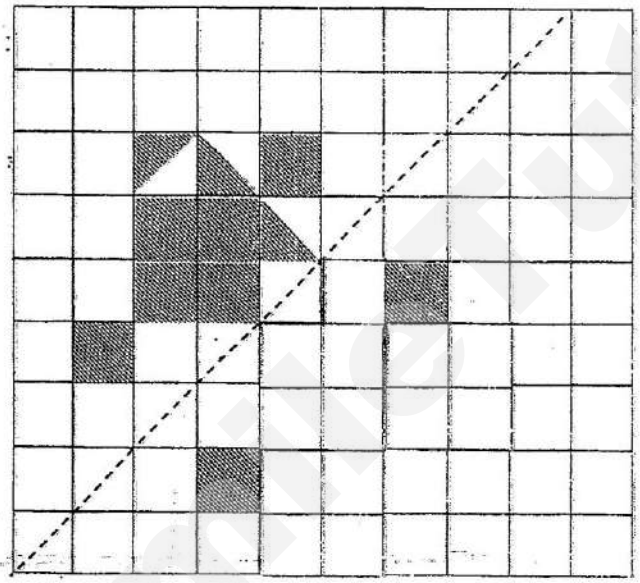
33. The perimeter of a square is 36 m. What is its area?

Ans : _____ m^2

34. **Complete** and **shade** the symmetric figure with the dotted line as line of symmetry.



35. The area of a rectangle is 64 cm^2. The length of the rectangle is four times as long as its breadth. What is the length of the rectangle?

Ans : _____ cm

(Go on to the next page)

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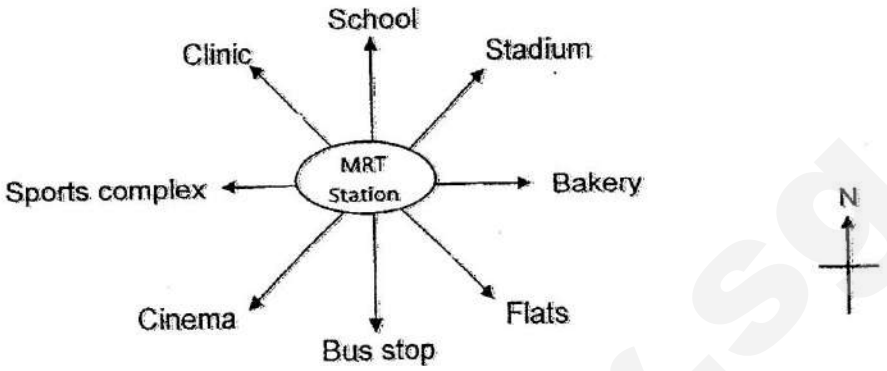
36. Use the information below to answer Question 36a and 36b.



(a) Raju came out of the MRT station and was facing the bakery. He turned clockwise to face the clinic. What was the angle that he had turned?

Ans : _____ °

(b) May Ling came out of the MRT station. She was facing the stadium. She made a $\frac{3}{4}$ - turn to her left. Which **direction** would she be facing?

Ans : _____

End of Booklet B

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METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

END-OF-YEAR EXAMINATION 2018
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.
Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: _____( )

Class: Primary 4._____

Date: 26 October 2018

28

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Section C: (28 marks)

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

37. Mrs Lim baked more than 20 but fewer than 30 pies.
If she packed them in boxes of 4, she would have 2 extra pies.
If she packed them in boxes of 6, she would need another 2 more pies.
How many pies did Mrs Lim bake?

Do not write anything in this margin.

Ans : _____ [3]

(Go on to the next page)

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38. Cindy has 3 rows of hibiscus plants in her garden.
In each row, there are 12 plants.

$\frac{1}{6}$ of the plants have pink flowers, $\frac{1}{4}$ of the plants have red flowers while the rest of the plants have yellow flowers.

(a) What fraction of the plants have pink and red flowers?

(b) How many of the hibiscus plants have yellow flowers?

Do not write anything in this margin.

Ans : (a)_____ [1]

(b) _____[2]

(Go on to the next page)

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39. Mrs Pek had some durians at her fruit stall.

$\frac{1}{3}$ of it was spoilt and thrown away.

She sold $\frac{7}{15}$ of her durians.

She had 33 durians left.

How many durians did she have at her fruit stall at first?

Do not write anything in this margin.

Ans : _____ [3]

(Go on to the next page)

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40. Ahmad and Ben have a total of 78 keychains.
Ben has twice as many keychains as Charlie.
Ahmad has 6 keychains less than Charlie.
(a) How many keychains does Ahmad have?
(b) How many keychains does Charlie have?

Do not write anything in this margin.

Ans : (a)_____ [2]

(b)_____ [1]

(Go on to the next page)

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41. Mr Tan paid $16.20 for 4 curry puffs and 6 muffins.
Each muffin cost 30 cents less than a curry puff.
What was the total cost of a curry puff and a muffin?

Do not write anything in this margin.

Ans : _____ [4]

(Go on to the next page)

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Do not write anything in this margin.

42. A total of 26 cars and motorcycles were parked at Orange Grove Primary School. There were 92 wheels altogether.

(a) How many cars were there in the carpark?

(b) What was the difference between the number of cars and motorcycles?

Ans : (a) _____ [3]

(b) _____ [1]

(Go on to the next page)

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43. Andy had $2 more than Samy.
After Andy spent $6.50, Samy had 3 times as much money as Andy.
(a) How much money did Andy have left?
(b) What was the total amount the 2 boys had at first?

Do not write anything in this margin.

Ans : a) _____ [2]

b) _____ [2]

(Go on to the next page)

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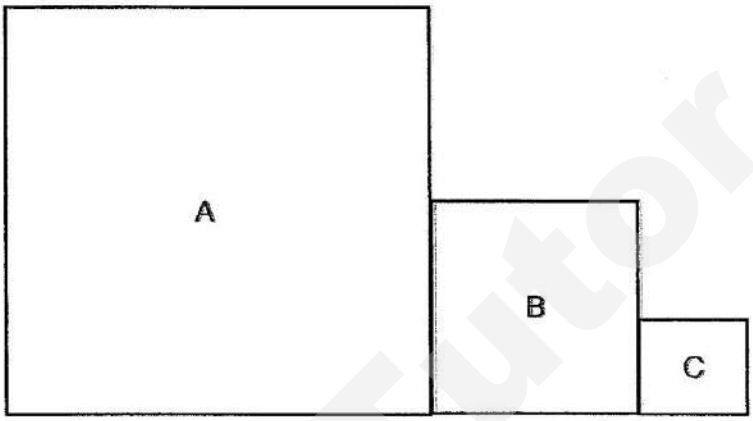
44. In the figure below, A, B, C are squares.
The area of A is four times the area of B.
The area of B is four times the area of C. The area of C is 4 cm^2.
What is the perimeter of the figure?



Do not write anything in this margin.

Ans: _____

End of Booklet C

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ANSWER KEY

YEAR	:	2018
LEVEL	:	PRIMARY 4
SCHOOL	:	METHODIST GIRLS' SCHOOL
SUBJECT	:	MATHEMATICS
TERM	:	SA2

Section A

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

Section B

Q19 15 026

Q20 4 , 16

Q21 65 300

Q22 $\frac{1}{2}, \frac{6}{9}, \frac{6}{8}$

Q23 $\frac{3}{8}$

Q24 102.08

Q25 18.09

Q26 12643

Q27 Between 2pm and 4pm

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Q28 10°C

Q29 ∠d

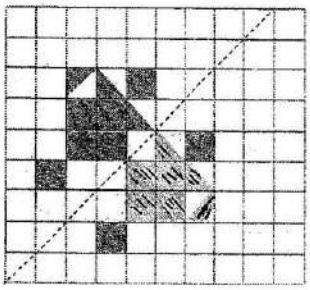
Q30 38°

Q31 0635 hrs

Q32 $\frac{7}{8}$ kg

Q33 81 m^2

Q34



Q35 16 cm

Q36 (a) 225°

(b) south-east

Section C

Q37 22 pies

Q38 (a) $\frac{2}{12} + \frac{3}{12} \Rightarrow \frac{5}{12}$

(b) 12 x 3 = 36

$\frac{12}{12} - \frac{5}{12} = \frac{7}{12}$

$= \frac{21}{36} \Rightarrow$ **21 plants**

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Q39 $\frac{5}{15} + \frac{7}{15} = \frac{12}{15}$

$\frac{15}{15} - \frac{12}{15} = \frac{3}{15}$

3u = 33
1u = 11
15u = 11 x 15 ⇒ <u>165 durians</u>

Q40 (a) 28 – 6 ⇒ <u>22 keychains</u>

(b) 78 + 6 = 84
84 ÷ 3 ⇒ <u>28 keychains</u>

Q41 0.30 x 4 = 1.20
16.20 – 1.20 = 15.00
15.00 ÷ 10 = 1.50
1.50 x 2 = 3.00
3.00 + 0.30 ⇒ <u>$3.30</u>

Q42 (a) Assume all were motorcycles
Total → 2 x 26 = 52
Extra → 92 – 52 = 40
Difference → 4 - 2 = 2
Opposite → 40 ÷ 2 ⇒ <u>20 cars</u>

(b) 26 – 20 = 6
20 - 6 ⇒ <u>14</u>

Q43 (a) 6.50 – 2.00 = 4.50
4.50 ÷ 2 ⇒ <u>$2.25</u>

(b) 2.25 x 3 = 6.75
2.25 + 6.50 = 8.75
6.75 + 8.75 ⇒ <u>$15.50</u>

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Q44 **Area of B → 4 x 4 = 16**
Area of A → 16 x 4 = 64

$$\sqrt[8]{64}$$

$$\sqrt[4]{16}$$

$$\sqrt[2]{4}$$

8 + 4 + 2 = 14
14 x 2 = 28
8 x 2 = 16
28 + 16 ⇒ <u>44 cm</u>

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End

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NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2 – 2018
PRIMARY 4
MATHEMATICS

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class 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

Marks Obtained

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

Name : _____ (

Class : Pr 4_____

Date : 31 October 2018

Duration: 1 h 45 min

Parent's Signature : _____

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Section A: Multiple Choice Questions (20 × 2 marks)

Questions 1 to 20 carry 2 marks each.
Of the 4 options given, only one is correct. Choose the correct answer (1, 2, 3 or 4) and shade the correct oval on the Optical Answer Sheet (OAS).

1. The value of the digit 8 in 58 123 is _____.

   (1) 80
   (2) 800
   (3) 8000
   (4) 80 000 ( )

2. 82 657 rounded to the nearest hundred is _____.

   (1) 82 600
   (2) 82 660
   (3) 82 700
   (4) 83 000 ( )

3. In 49.852, the digit 8 is in the _____ place.

   (1) tens
   (2) tenths
   (3) hundredths
   (4) thousandths ( )

4. What is the product of 1 107 and 3?

   (1) 369
   (2) 1110
   (3) 3321
   (4) 3361 ( )

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5. $8\frac{2}{9} = \frac{\square}{9}$

What is the missing number in the box?

(1) 16
(2) 70
(3) 72
(4) 74 ( )

6. Find the value of $\frac{5}{12} - \frac{1}{4}$.

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

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

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

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

7. Which of the following is **not an equivalent fraction** of $\frac{1}{5}$?

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

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

(3) $\frac{5}{20}$

(4) $\frac{6}{30}$ ( )

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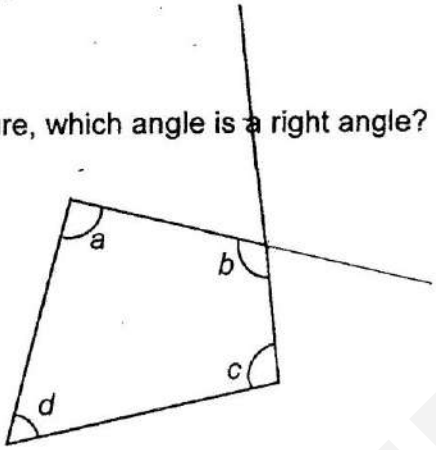
8. $0.5 + 0.009 + \square = 0.589$

(1) 0.008
(2) 0.08
(3) 0.8
(4) 8.0

( )

9. In the figure, which angle is a right angle?



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

( )

10. Which of the following figures **does not** have a line of symmetry?



Figure A

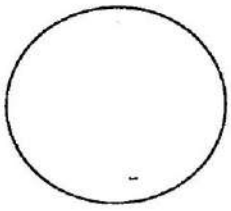


Figure B

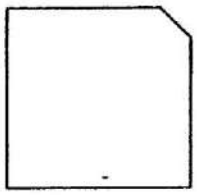


Figure C



Figure D

(1) Figure A
(2) Figure B
(3) Figure C
(4) Figure D

( )

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11. A big box contains 3 times as many pencils as a small box. If 1 big box and 2 small boxes contain 30 pencils, how many pencils does the big box contain?

(1) 6
(2) 10
(3) 12
(4) 18 ( )

12. A plane left Singapore at 22 05 on Monday and arrived in Hong Kong at 02 15 on Tuesday. How long was the flight from Singapore to Hong Kong?

(1) 19 h 50 min
(2) 7 h 50 min
(3) 4 h 10 min
(4) 3 h 10 min ( )

13. Madeline bought a pencil case that cost $7.90 and a story book that cost $5 more than the pencil case. How much money did Madeline spend altogether?

(1) $10.80
(2) $12.90
(3) $17.90
(4) $20.80 ( )

14. Sumin had exactly enough money to buy 20 identical notebooks. She bought 12 such notebooks and had $24 left. How much money did she have at first?

(1) $36
(2) $40
(3) $48
(4) $60 ( )

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15. The table below shows the number of P4 students taking part in different activities during a school camp. Each child only took part in one activity.

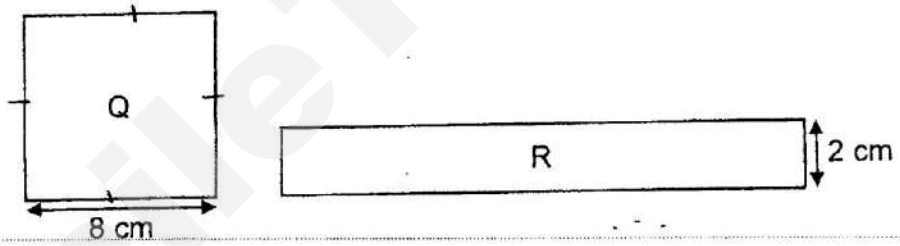
Activity	Tent Pitching	Outdoor Cooking	Canoeing	Skate-boarding
Number of students	50	96	42	52

$\frac{2}{5}$ of all the participants took part in one of the activities. Which activity was this?

(1) Tent Pitching
(2) Outdoor Cooking
(3) Canoeing
(4) Skateboarding

( )

16. Square Q and Rectangle R have the same area. Find the perimeter of Rectangle R.



(1) 18 cm
(2) 36 cm
(3) 34 cm
(4) 68 cm

( )

17. Victoria and Jerina saved a total of $450 altogether Victoria saved $26 less than Jerina. How much money did Jerina save?

(1) $251
(2) $238
(3) $212
(4) $199

( )

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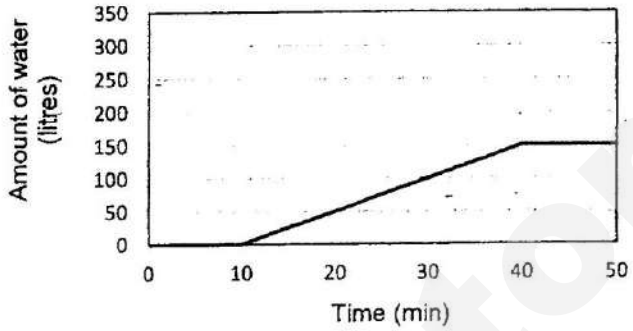
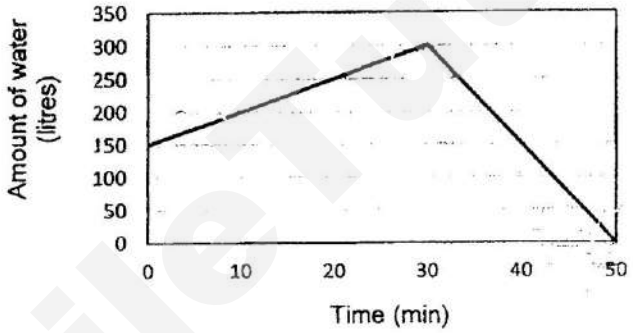
18. A tank has a capacity of 300 ℓ. $\frac{1}{2}$ of the tank was filled with water. Chong Beng turned on the tap for 30 minutes till the tank was completely filled. For the next 20 minutes, the tank was completely drained. Which graph below correctly shows the amount of water in the tank at regular intervals?

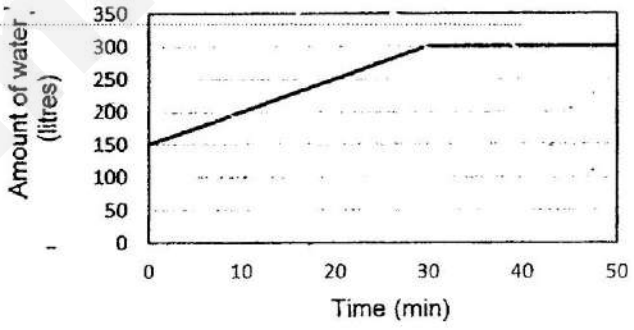
(1)



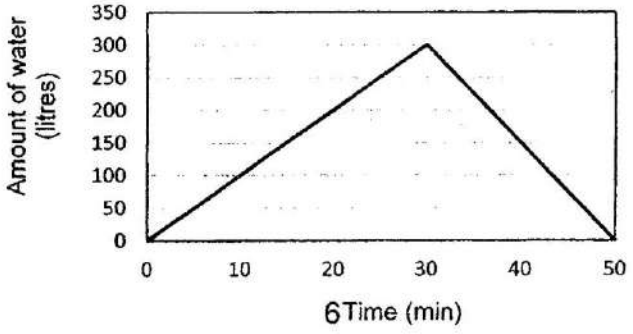
(2)



(3)



(4)



( )

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19. At a zoo, $\frac{4}{11}$ of the visitors were female and the rest were male. If there were 188 female visitors, how many male visitors were there?

(1) 517
(2) 329
(3) 141
(4) 47

( )

20. The table shows the number of senior citizens in each family living in an HDB block.

Number of senior citizens in each family	Number of families
0	15
1	12
2	20
3	5

What is the total number of senior citizens living in the HDB block?

(1) 6
(2) 37
(3) 52
(4) 67

( )

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Section B: Open-ended Questions (20 × 2 marks)

Questions 21 to 40 carry 2 marks each.

Write out the correct answers for the following questions in the boxes provided.

Show your workings clearly and give your answers in the units provided.

21. Write forty thousand in figures.

Ans: ☐

22. Two factors of 6 are 1 and 6. What are the other two factors of 6?

Ans: ☐ and ☐

23. Express $\frac{4}{12}$ in its simplest form.

Ans: ☐

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

$\frac{3}{4}$, $\frac{5}{12}$, $\frac{7}{12}$

Ans: _____, _____, _____

(smallest) *(greatest)*

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25. Write 9 tenths as a decimal.

Ans: ____

26. Round 11.54 to the nearest whole number.

Ans: ____

27. 3.08 + 5 = _____

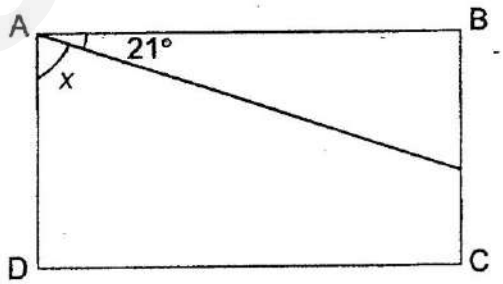
Ans: ____

28. Write the decimal represented by A.



Ans: ____

29. In the figure, ABCD is a rectangle. Find the value of $\angle x$.



Ans: ____ °

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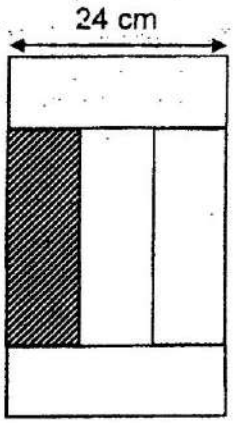
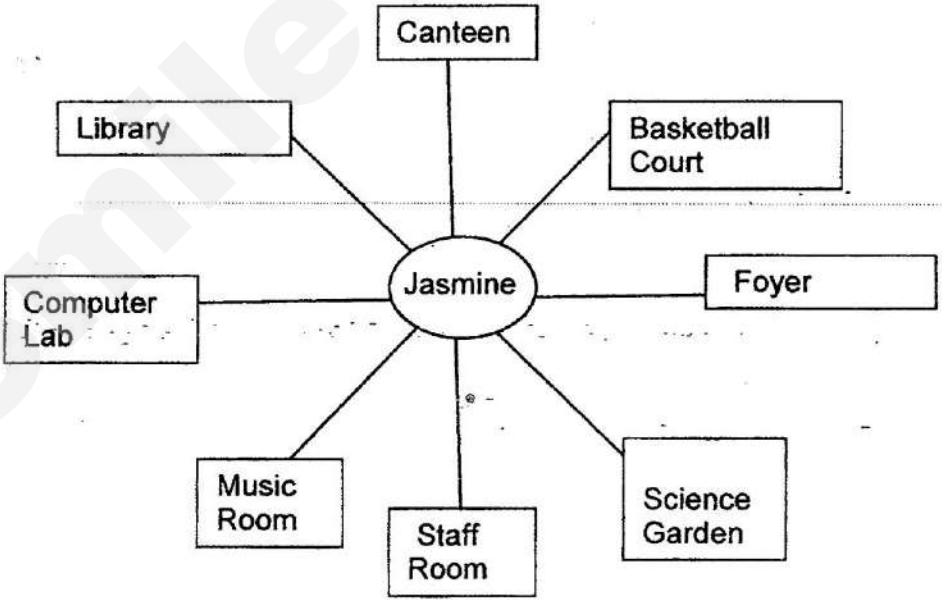
30. The following figure is made up of 5 identical rectangles. What is the area of the shaded part?



Ans: _____ cm^2

31. Jasmine is facing the foyer now. If she makes a $\frac{3}{4}$ - turn in the clockwise direction, where will she be facing?



Ans: _____

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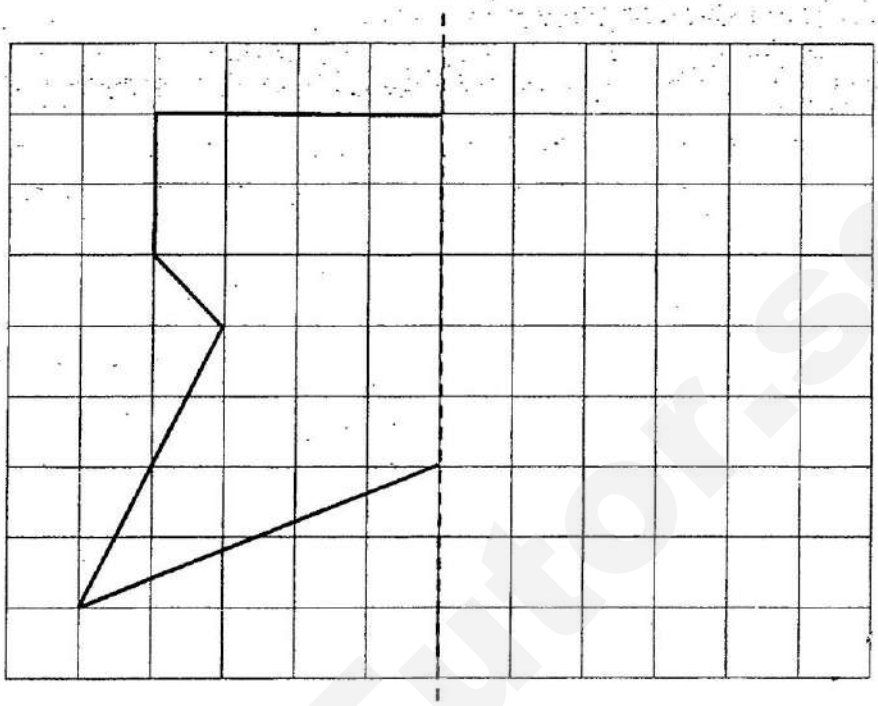
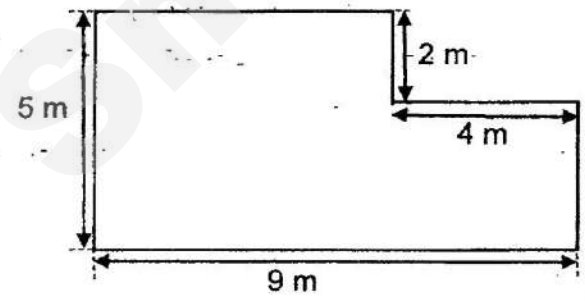
32. Complete the symmetric figure with the dotted line as the line of symmetry.



33. Alden needs to fence up his plot of garden as shown in the figure below. The cost of fencing is $6 per metre. How much does Alden need to pay to fence up the plot of garden?
(All the lines meet at right angles.)



Ans: $

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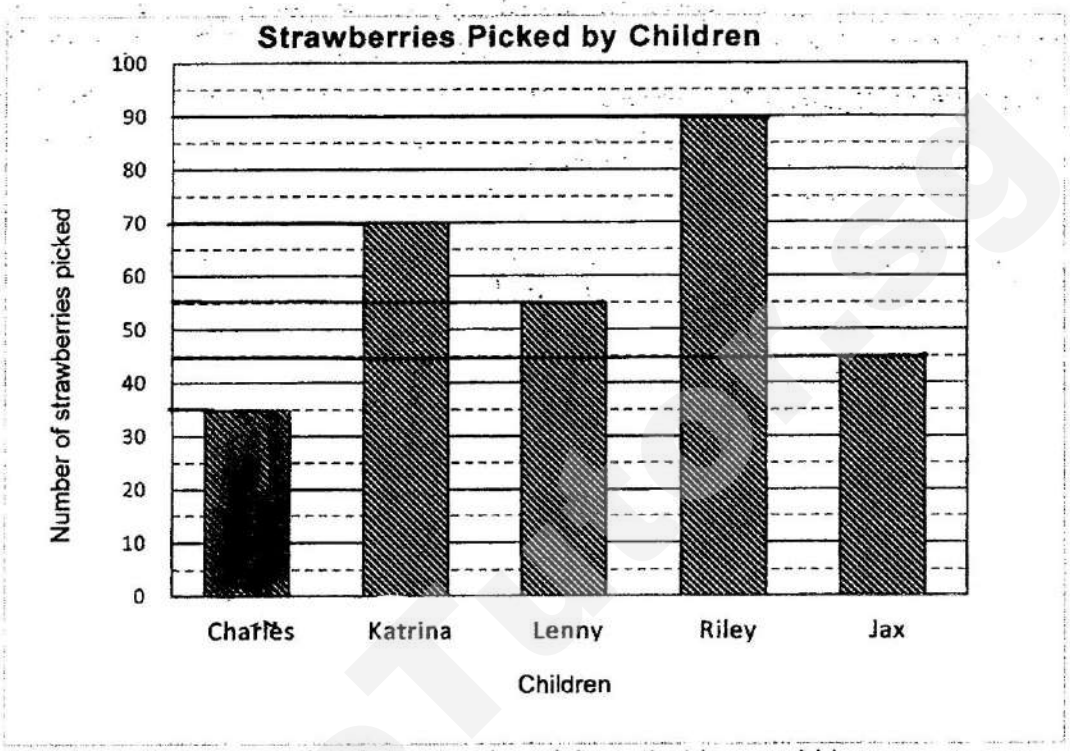
34. The following bar graph shows the number of strawberries picked by 5 children.



How many more strawberries must Jax pick so that he would have as many strawberries as what Katrina and Lenny have picked altogether?

Ans:

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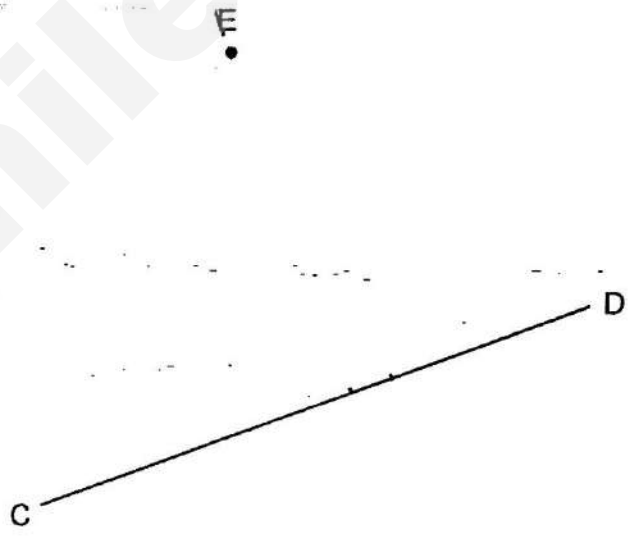
35. The table shows the number of red and green beads that Giselle and Betty have. Part of the table is being scribbled.

	Giselle	Betty	Total
Number of red beads	[redacted]	56	[redacted]
Number of green beads	24	[redacted]	[redacted]
Total	[redacted]	92	169

How many red beads does Giselle have?

Ans: _____

36. Draw a line perpendicular to CD, passing through point E.



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37. Desmond has some marbles. If he shares the marbles among 3 friends, he will have 2 marbles left. If he shares the marbles among 5 friends, he will need 3 more marbles. What is the smallest possible number of marbles he has?

Ans: [ ]

38. Jessie left school to go to the library at 12 45. She walked for 9 minutes to the bus stop and waited for 12 minutes for the bus to arrive. Her bus journey to the library was 25 minutes. What time did she reach the library?
Leave your answer in 12-hour clock.

Ans: [ ]

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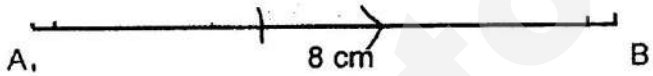
39. Use a ruler and a protractor to draw a rectangle ABCD of length 8 cm and breadth 5 cm.



40. Mrs Lee bought some pens from a bookshop during a sale. She received a total of 12 free pens. How much did Mrs Lee pay for her purchase?



Ans: $

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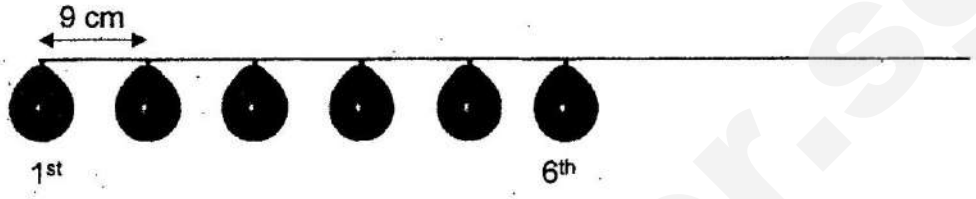
Section C (5 × 4 marks)

For each of the following questions, show your workings and mathematical statements in the space below each question. Write your answer in the answer space provided.

41. Kelly had a string of 130.5 cm long. She tied balloons on the string. Part of the balloons were as shown below. The distance between 2 balloons is 9 cm.



(a) What is the length of string between the 1st and 6th balloon? (1 mark)

(b) Find the most number of balloons that could be tied on the string. (3 marks)

Ans: (a) _____

(b) _____

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42. Keith had 432 beads and Jonathan had 108 beads. How many beads must Keith give Jonathan so that both of them had an equal number of beads?

Ans: _____

43. Bala bought 7 packets of cookies. Each packet had an equal number of cookies. He gave 8 cookies each to his 36 classmates and had 27 cookies left. How many cookies were there in each packet that Bala bought?

Ans: _____

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44. Meili and Lili shared a total of 406 stickers. Meili took $\frac{2}{7}$ of the stickers and Lili took the rest. After Meili bought some stickers, she had the same number of stickers as Lili. How many stickers did Meili buy?

Ans: _____

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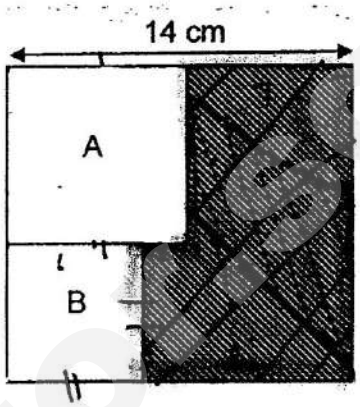
45. The following figure is not drawn to scale. It is made up of a rectangle and 2 squares, A and B. Square A has an area of 49 cm^2 and Square B has an area of 36 cm^2. Find the perimeter of the shaded part.



Ans: _____

---------- End of Paper ----------

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : NAN HUA PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

SECTION A

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

SECTION B

Q21) 40 000

Q22) 2 and 3

Q23) $\frac{1}{3}$

Q24) $\frac{5}{12}$, $\frac{7}{12}$, $\frac{3}{4}$

Q25) 0.9

Q26) 12

Q27) 8.08

Q28) 0.36

Q29) (69°)

$90° - 21° = 69°$

Q30) ($192cm^2$)

$breadth = 24 \div 3 = 8$

Area of shaded part=8×24=192

Q31) Canteen

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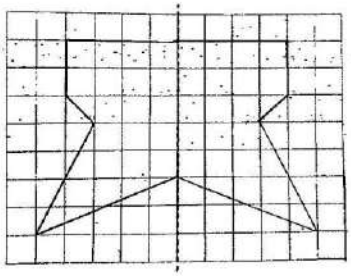
Q32)



Q33) ($168)

Perimeter= 5+5+9+9=28

Cost=28×6=168

Q34) (80)

Katrina+Lenny=70+55=125

Jax =45

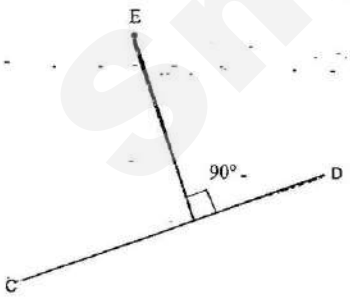
Difference=125-45=80

Q35) (53)

Giselle total beads= 169 – 92 = 77

Giselle total red beads = 77 – 24 = 53

Q36)



Q37) (17)

Multiple of 3	**3**	**6**	**9**	**12**	**15**
+2	**5**	**8**	**11**	**14**	**17(✓)**
Multiple of 5	**5**	**10**	**15**	**20**	
- 3	**2**	**7**	**12**	**17 (✓)**	

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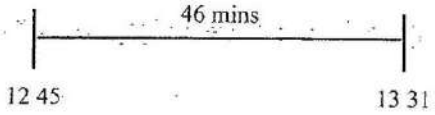
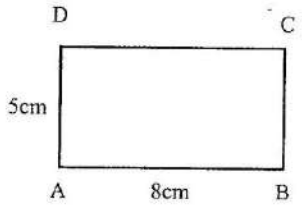
Q38) (1.31 p.m.)

Total time taken =46 mins



Q39)



Q40) ($41.40)

No. of sets bought= 12 ÷ 2=6

Total price=6×6.90=41.40

SECTION C

Q41a) (45cm)

No. of gap = 5

Length= 5×9=45

b) (15)

130.5÷9=14 Remaining 0.5

max. no. of gap=14

Balloon tied= 14+1=15

Q42)(162)

Diff. = 432−108=324

Beads given away for equal beads= 324÷2=162

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Q43) (45)

Total no. of cookies = (36 × 8)+27 = 315

No. of cookie in 1 packet= 315÷7=45

Q44) Lili represented by 5 unit , Meili by 2 unit

Difference = 3 unit

No. of Stickers Meili bought = $406 \times \frac{3}{7}$=174

Q45) (42cm)

Area of A=49 Area of B =36

Length of A=7 Length of B=6

Perimeter of shaded part = 8+8+13+13=42

THE END

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NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION 2018

PRIMARY 4

MATHEMATICS
(BOOKLET A)

Total Duration for Booklets A and B: 1 hour 45 minutes

Additional materials: Optical Answer Sheet (OAS)

INSTRUCTIONS TO PUPILS

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: _____ ( )

Class: Primary 4 ( )

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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) and shade your answer on the Optical Answer Sheet. (30 marks)

---

1. In the number 86 725, which digit is in the thousands place?

(1) 6

(2) 2

(3) 7

(4) 8

2. Ninety thousand and four in figures is _____.

(1) 94

(2) 904

(3) 9004

(4) 90 004

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3. 8 is **not** a factor of _____.

(1) 24

(2) 40

(3) 62

(4) 88

4. $3\frac{8}{9} = \frac{\square}{9}$

What is the missing number in the box?

(1) 18

(2) 24

(3) 27

(4) 35

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5. Which of the following decimals is the smallest?

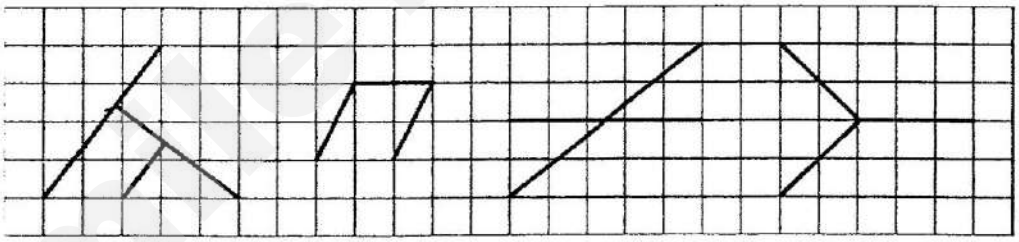
(1) 3.07

(2) 3.15

(3) 3.038

(4) 3.304

6. Which of the following figures in the square grid below has both parallel lines and perpendicular lines?



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

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7. Theresa has 78 packets of beads.
Each packet contains 345 beads.
How many beads does Theresa have in total?

(1) 267

(2) 423

(3) 5175

(4) 26 910

8. A tank contained 7806 ℓ of water. All the water from the tank was poured equally into 6 containers without spilling. What was the amount of water in each container?

(1) 131 ℓ

(2) 141 ℓ

(3) 1301 ℓ

(4) 1401 ℓ

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9. Jon Heng completed a race in 675 seconds.
He was 9 seconds faster than Bala.
How many seconds did Bala take to complete the race?

(1) 666

(2) 674

(3) 676

(4) 684

10. Ribbon A is 5.42 m. Ribbon B is 0.5 m shorter than Ribbon A.
What is the length of Ribbon B?

(1) 1.62 m

(2) 4.92 m

(3) 5.92 m

(4) 7.11 m

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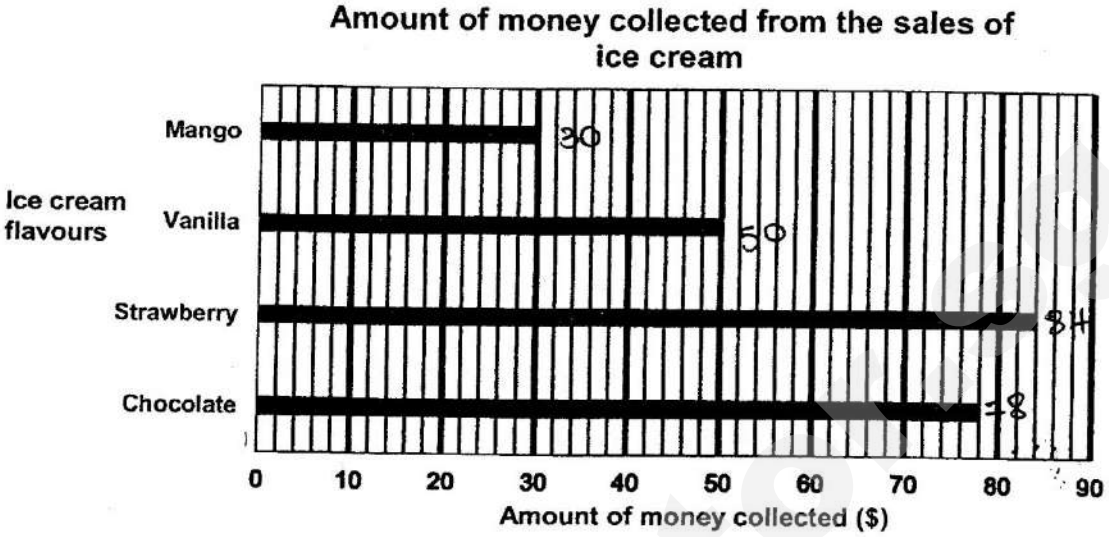
11. The bar graph below shows the amount of money collected from the sales of ice cream on a certain Sunday.



The table shows the price of each cup of ice cream of different flavour.

Flavour	Price
Chocolate	$4
Strawberry	$3
Vanilla	$2
Mango	$1

How many cups of strawberry flavoured ice cream were sold?

(1) 21

(2) 28

(3) 42

(4) 84

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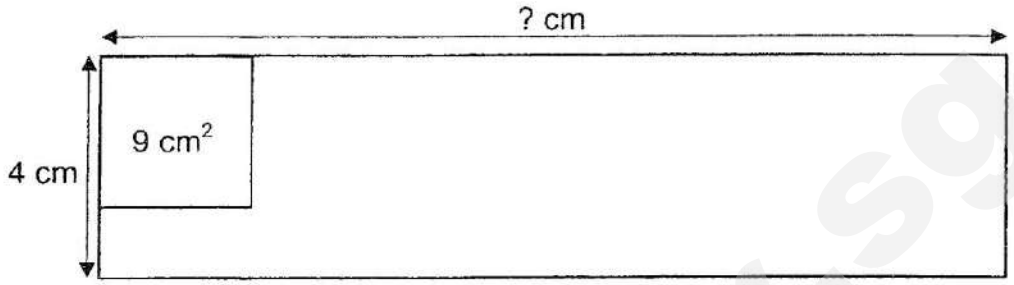
12. The figure below is made up of a rectangle and a square. The breadth of the rectangle is 4 cm and the area of the square is 9 cm^2. The area of the rectangle is 8 times the area of the square. What is the length of the rectangle?



(1) 18 cm

(2) 32 cm

(3) 3 cm

(4) 72 cm

13. On Sunday, Mr Tan collected 3 times the mass of the newspapers he collected on Saturday. On Monday, he collected 365 kg more newspapers than on Sunday. On Tuesday, he collected 181 kg less newspapers than on Saturday. He collected 4600 kg of newspapers on the 4 days altogether. How many kilograms of newspapers did he collect on Saturday?

(1) 552

(2) 598

(3) 4416

(4) 4784

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14. The table below shows how Ben spent his pocket money last month. The amount of money he spent on books was twice the amount of money he spent on food.

Category	Amount
Food	?
Transport	$60
Books	?
Total amount	**$300**

Find the amount of money Ben spent on books.

(1) $80

(2) $120

(3) $160

(4) $240

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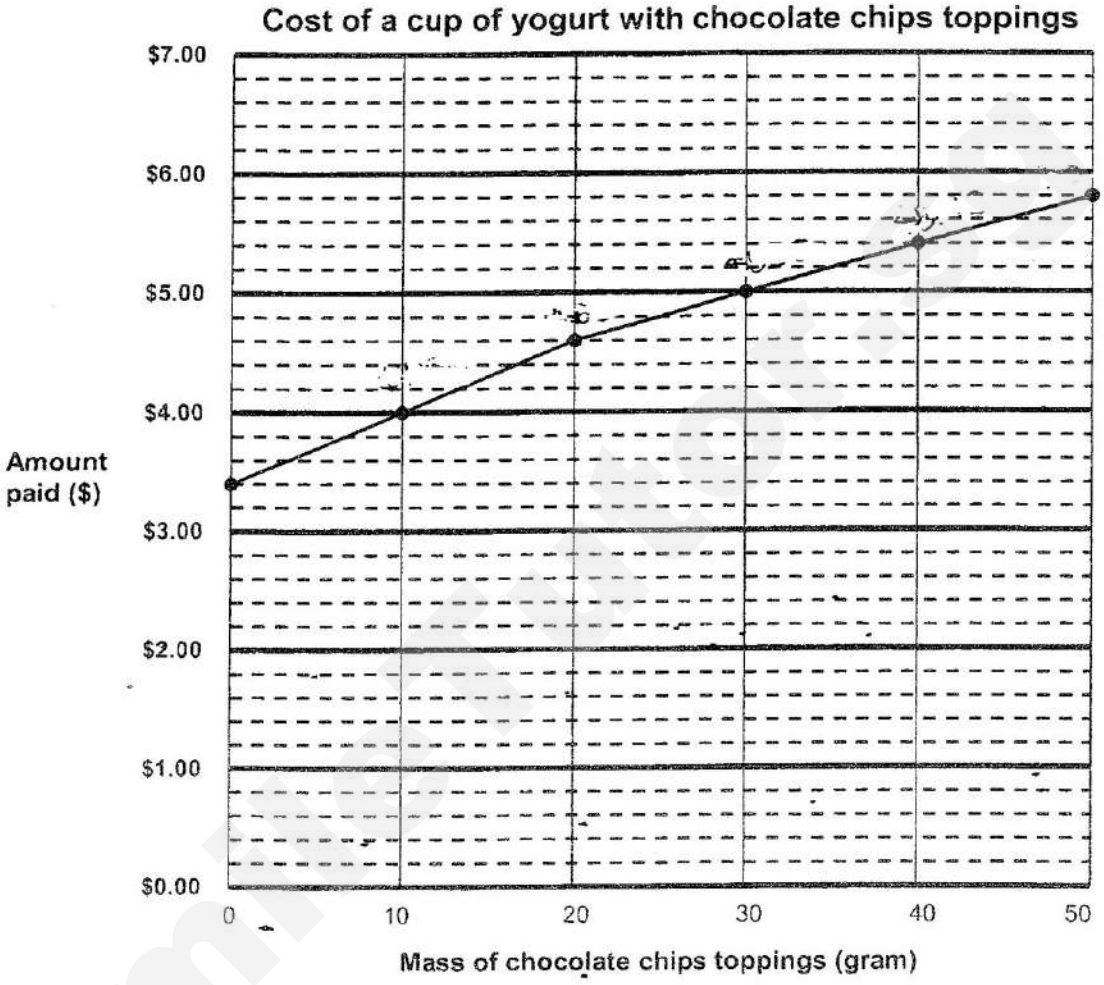
15. The line graph below shows the cost of a cup of yogurt with chocolate chips toppings.



Li Ming spent $5 on a cup of yogurt with chocolate chips toppings.
Find the mass of the chocolate chips toppings added to her yogurt.

(1) 35 g

(2) 30 g

(3) 25 g

(4) 20 g

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NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION 2018

PRIMARY 4

MATHEMATICS
(BOOKLET B)

Total Duration for Booklets A and B: 1 hour 45 minutes

INSTRUCTIONS TO PUPILS

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Name: _____ ( )

Class: Primary 4 ( )

Parent's Signature: _____

Booklet A	**/ 30**
Booklet B	**/ 70**
Total	**/ 100**

Any query on marks awarded should be raised by **5 November 2018**. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

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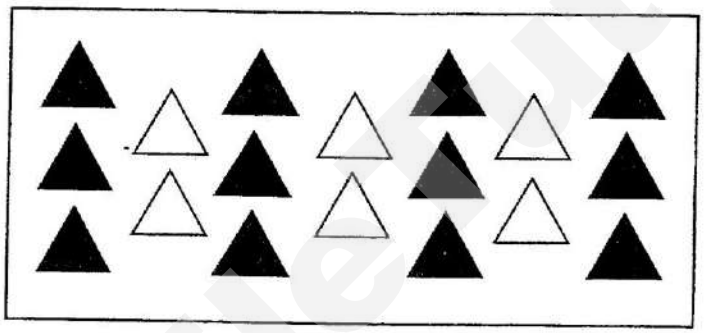
Questions **16** to **35** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

16. 4106 + 377 = _____

Ans: _____

17. What fraction of the triangles shown are grey in colour?



Ans: _____

18. How many one-fifths are there in 1 whole?

Ans: _____

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19. $\frac{1}{4} + \frac{7}{12} =$ _____

Ans: _____

---

20. Write 3 tenths as a decimal.

Ans: _____

---

21. Arrange the following numbers in order from the greatest to the smallest.

0.069, 0.906, 0.609

Ans: _____ (greatest), _____, _____ (smallest)

---

22. Express 0.7 as a fraction.

Ans: _____

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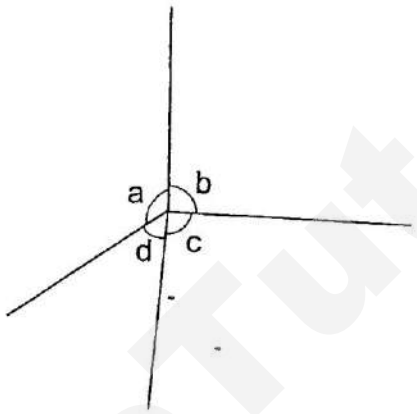
23. Find the value of 6.83 x 7.

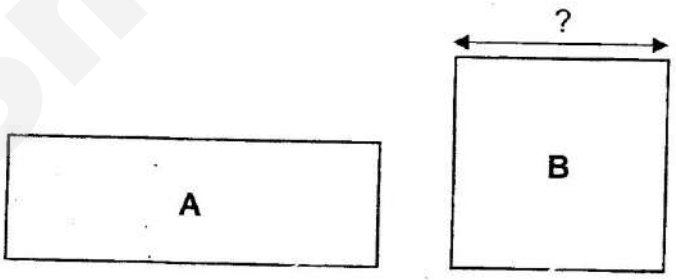
Ans: _____

24. In the figure below, name the smallest angle.



Ans: ∠ _____

25. Rectangle A and Square B have the same perimeter. The perimeter of Rectangle A is 20 cm. What is the length of Square B?



Ans: _____ cm

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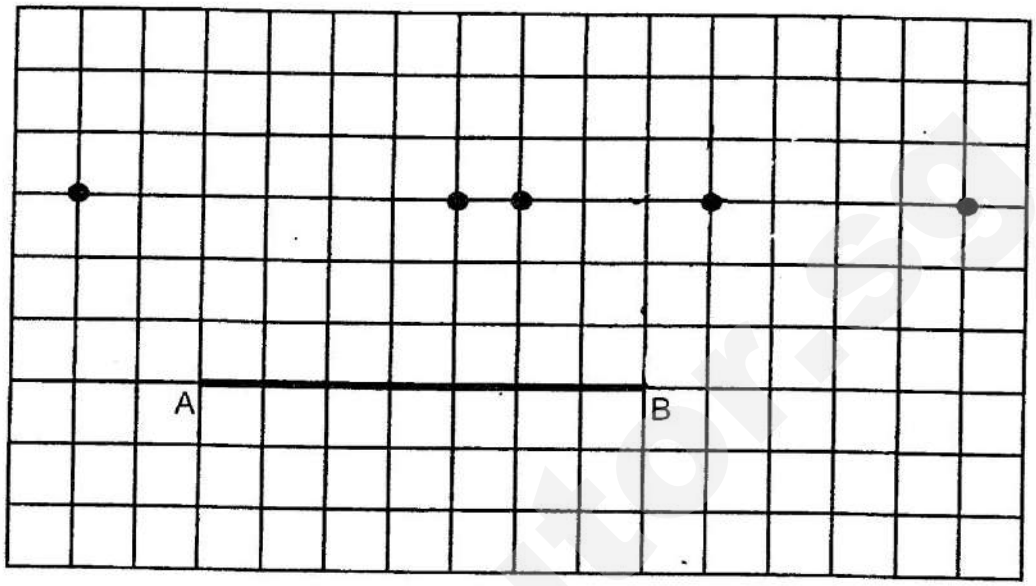
26. In the square grid below, line AB and five points are given. One of the five given points is point C. $\angle ABC$ is greater than 90° but smaller than 135°. Draw line BC to complete $\angle ABC$.



27. Rohan was facing south-west at first. He made a 270° clockwise turn followed by a $\frac{1}{2}$ turn. Which direction was he facing in the end?

Ans:

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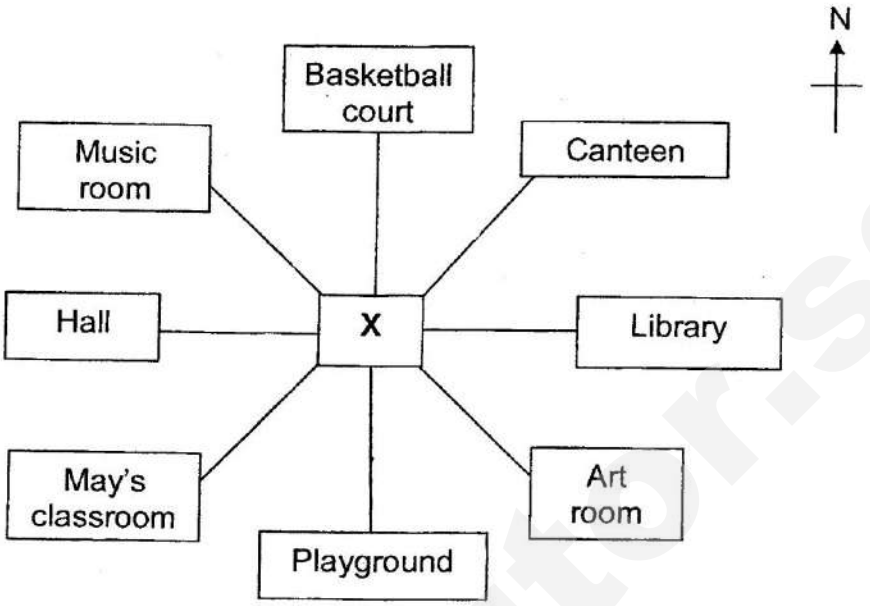
28. The diagram below shows the different locations in ABC Primary School.



May was at **X** and facing the canteen. After making an anti-clockwise turn, she was facing the playground. How many degrees in the anti-clockwise direction did she turn?

Ans: _____ °

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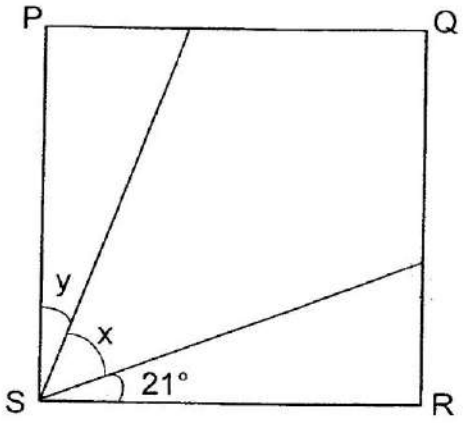
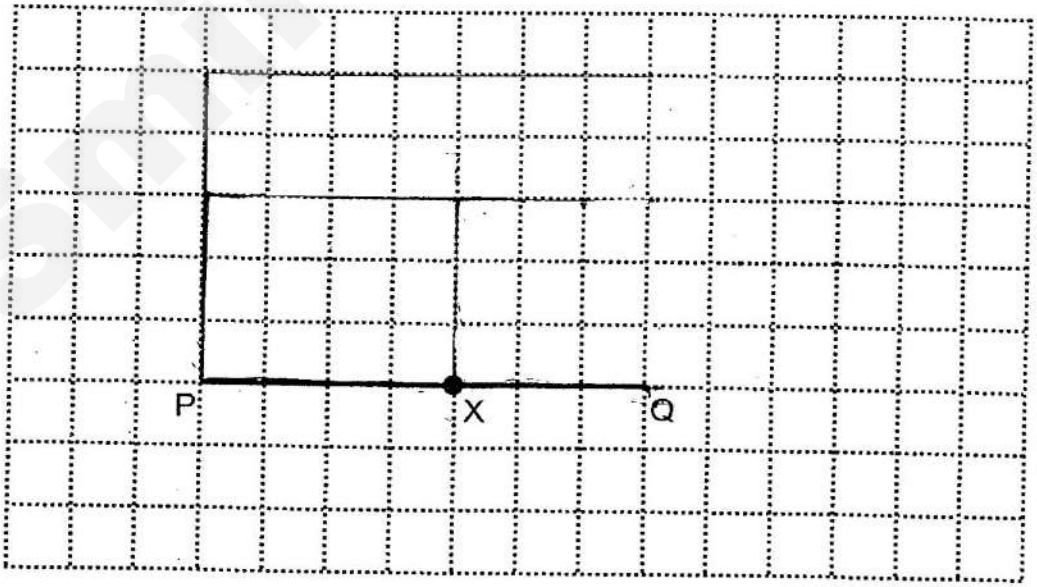
29. In the figure below, PQRS is a square and $\angle x$ is twice of $\angle y$. Find $\angle y$.



Ans: _____ °

30. In the square grid, line PXQ has been drawn. XQ forms one side of square XQRY and PX forms one side of rectangle PXYS. Complete the drawing of square XQRY and rectangle PXYS.



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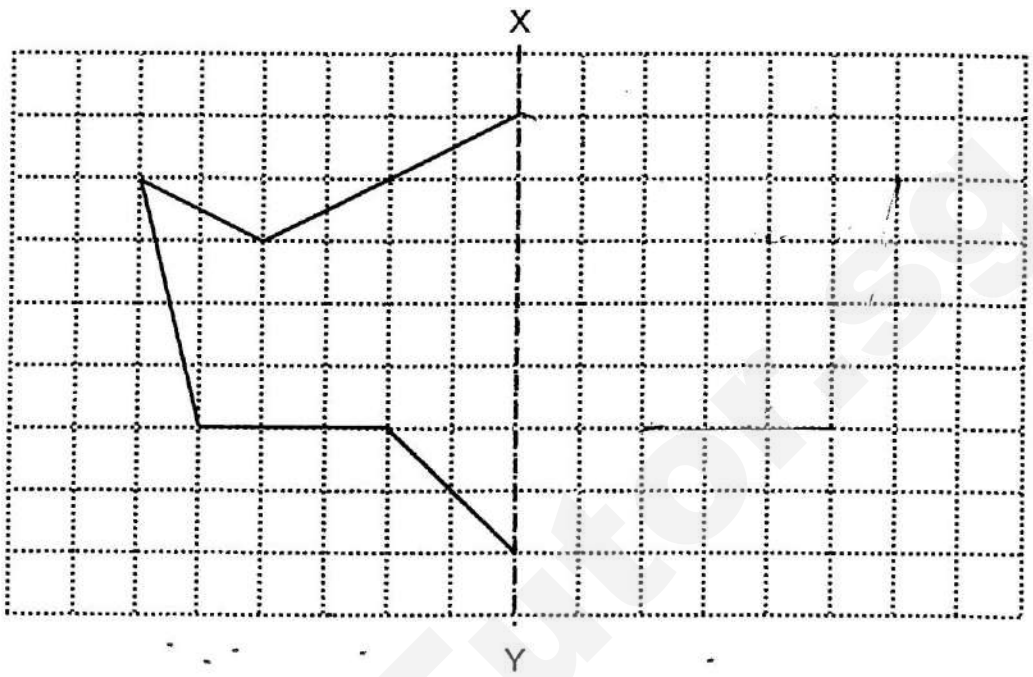
31. Complete the following figure using line XY as the line of symmetry.



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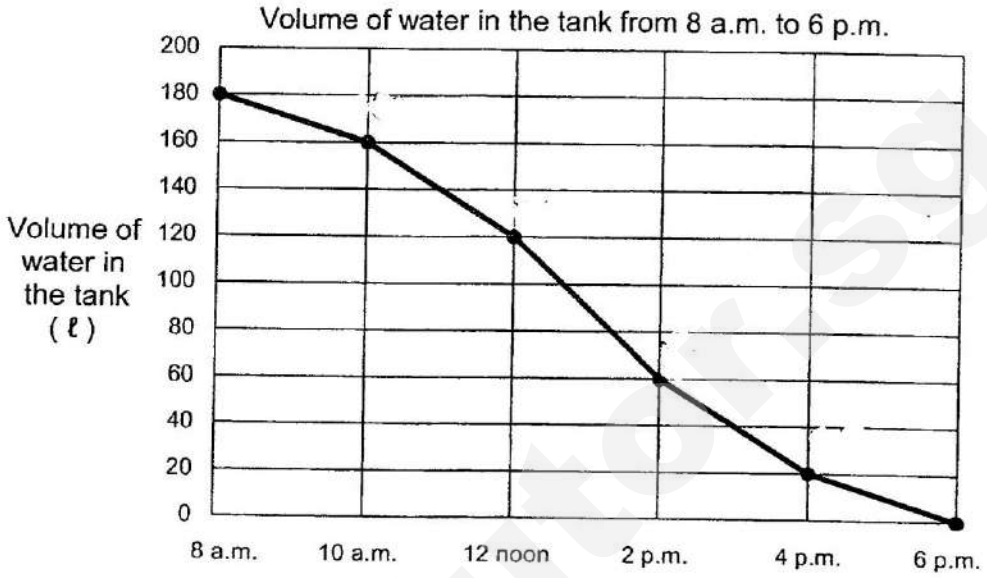
32. A tank was completely filled with water at 8 a.m. Water flowed out of the tank from 8 a.m. to 6 p.m. The line graph below shows the volume of water in the tank at each 2-hour interval from 8 a.m. to 6 p.m.



How much water had flowed out of the tank by 2 p.m.?

Ans: _____ ℓ

33. Matt had a piece of wire. He used $\frac{2}{7}$ of it to make a toy and $\frac{1}{3}$ of it to make a bookmark. What fraction of the wire did he have left?

Ans: _____

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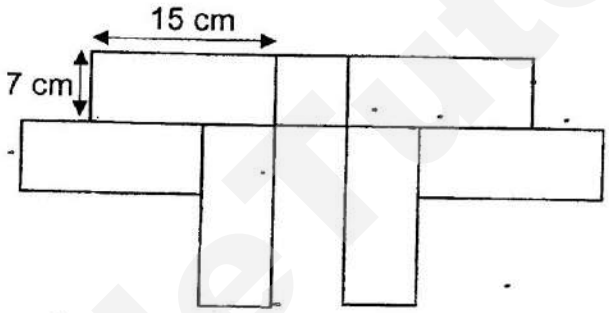
34. Yan had some sweets. She packed all the sweets into 1438 packets with 6 sweets in each packet and had 3 sweets left over.
How many sweets did Yan have at first?

Ans:

---

35. Mr Lim arranges 6 identical rectangular tiles and 1 square tile as shown in the figure below. The length of the rectangular tile is 15 cm and its breadth is 7 cm. What is the area of the figure?



Ans: _____ cm^2

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For questions **36** to **43**, 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. (30 marks)

---

36. A stalk of carnation cost $0.80. Fatimah spent all her money to buy 7 stalks of carnation. She could buy 4 stalks of roses with the same amount of money. How much did each stalk of rose cost?

Ans: _____ [3]

---

37. Qui Ling was given 100 minutes to complete a test. She took $\frac{3}{4}$ of the time to complete the test and she stopped writing after that. She started doing the test at 14 50. At what time did she stop writing?

Ans: _____ [3]

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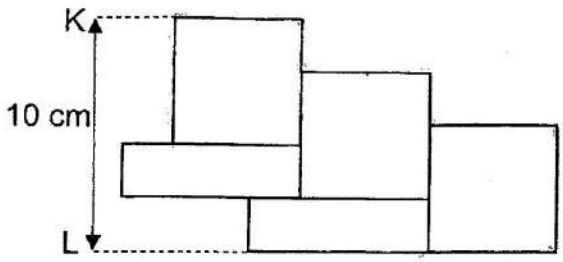
38. The figure below is made up of 3 identical squares and 2 identical rectangles. The area of each square is 36 cm^2. The area of each rectangle is 16 cm^2. The length of KL is 10 cm. What is the perimeter of the figure?



Ans: _____ [4]

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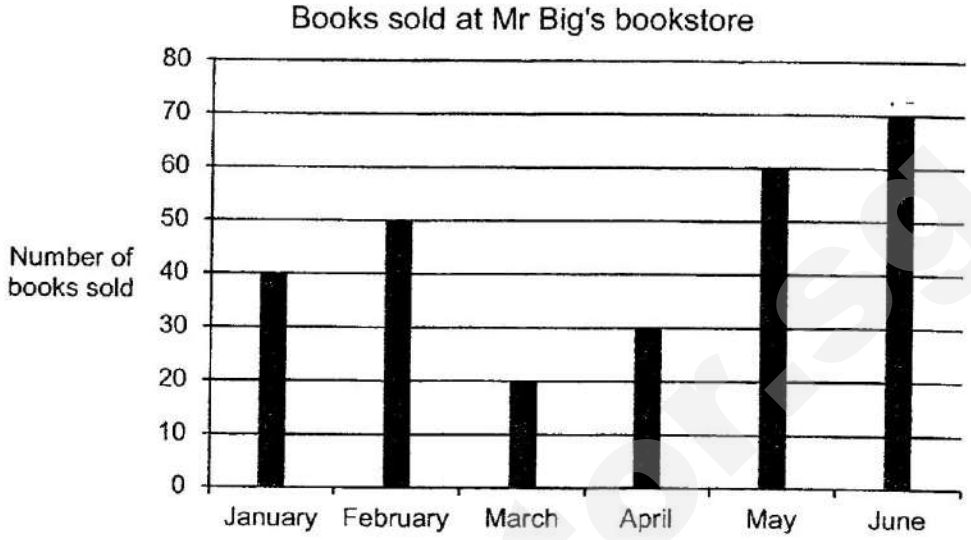
39. The bar graph below shows the number of books sold at Mr Big's bookstore from January to June.



(a) In which month was the most number of books sold?

(b) How many fewer books were sold in March than in May?

(c) Each statement below is either true, false or not possible to tell from the information given in the bar graph.
For each statement, put a (✓) in the correct column.

Statement	True	False	Not Possible to Tell
The increase in the number of books sold from May to June was less than the increase in the number of books sold from June to July.			
The number of books sold in January was three times the number of books sold in August.			

[2]

Ans: (a) _____ [1]

(b) _____ [1]

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40. At a bakery, Johari paid $12.50 for a walnut cake and 5 doughnuts. Muthu paid $16.75 for 1 such walnut cake and 10 such doughnuts.

(a) Find the cost of 5 such doughnuts.

(b) Find the cost of 2 such walnut cakes.

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Ans: (a) _____ [2]

(b) _____ [2]

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41. Rosemary had only blue beads at first. She had 1548 blue beads. She gave 282 blue beads to her sister. After she bought 4 boxes of red beads, she had 3726 beads altogether. There was an equal number of red beads in each box. How many red beads were there in each box?

Ans: _____ [4]

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42. A flask contained some water. Susan poured $\frac{2}{3}$ ℓ of water into a glass. Mrs Amira added $\frac{3}{8}$ ℓ of water into the flask. Peter spilled $\frac{1}{3}$ ℓ of water from the flask. There was $\frac{5}{8}$ ℓ of water in the flask in the end.
How many litres of water was there in the flask at first?
Express your answer as a mixed number in the simplest form.

Ans: _____ [4]

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43. There were a total of 13 rice cookers and laptops. The total mass of these 13 rice cookers and laptops was 27 kg. The mass of each rice cooker was 3 kg and the mass of each laptop was 1 kg.

(a) How many rice cookers were there?

(b) Find the total mass of the rice cookers.

Ans: (a) _____ [3]

(b) _____ [1]

End of Paper

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : NANYANG PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : SA 2

BOOKLET A

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

BOOKLET B

Q16) 4483

Q17) $\frac{12}{18}$

Q18) 5

Q19) $\frac{10}{12}$

Q20) 0.3

Q21) 0.906, 0.609, 0.069

Q22) $\frac{7}{10}$

Q23) 47.81

Q24) <d

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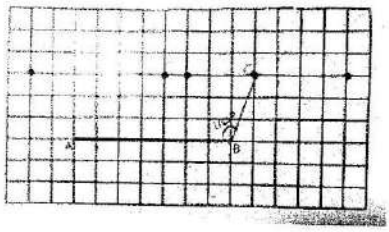
Q25) 5cm

Q26)



Q27) Northwest

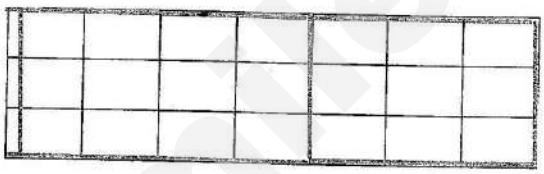
Q28) From canteen to playground (anti-clockwise):

$5 \times 45^{o} = \underline{225^{o}}$

Q29) $90^{o} - 21^{o} = 69^{o}$

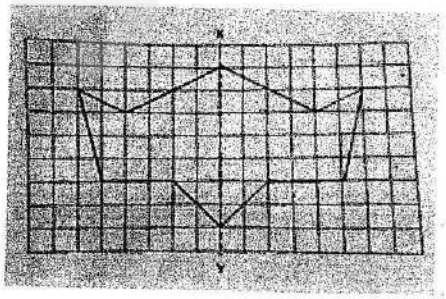
$69^{o} \div 3 = \underline{23^{o}}$

Q30) **S** **Y** **R**



P **X** **Q**

Q31)



Q32) Vol. of water at 8am → 180litres

Vol. of water at 2pm → 60litres

Vol. of water flowed out → 180litres – 60litres = <u>120litres</u>

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Q33) $\frac{2}{7} \times 3 = \frac{6}{21}$

$\frac{1}{3} \times 7 = \frac{7}{21}$

$\frac{21}{21} - \frac{6}{21} = \frac{15}{21}$

$\frac{15}{21} - \frac{7}{21} = \frac{8}{21}$

Q34) 1438 x 6 = 8628

8628 + 3 = <u>8631</u>

Q35) Area of 1 rectangle tile → 15 x 7 = 105

Area of 6 rectangle tiles → 105 x 6 = 630

Area of 1 square tile → 7 x 7 = 49

Total area → 630 + 49 = <u>679cm^2</u>

Q36) $0.80 x 7 = $5.60

$5.60 ÷ 4 = <u>$1.40</u>

Q37) 4units = 100min

1unit = 100min ÷ 4 = 25min

3units = 25min x 3 = 75min

= 1h15min

250pm + 1h15min = <u>4.05pm</u>

Q38) 36 = 6 x 6

10 – 6 = 4

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Breath of rectangle → 4 ÷ 2 = 2

Length of rectangle → 16 ÷ 2 = 8

6 x 7 = 42

2 x 5 = 10

Perimeter of figure

= 42 + 10 + 8

= <u>60cm</u>

Q39a) June

Q39b) 60 – 20 = <u>40</u>

Q39c) Not possible to tell > False

Q40a) Cost of 5 doughnuts → $16.75 - $12.50 = <u>$4.25</u>

Q40b) Cost of 1 walnut cake → $12.50 - $4.25 = $8.25

Cost of 2 walnut cakes → $8.25 x 2 = <u>$16.50</u>

Q41) 3726 – 1548 = 2178

2178 + 282 = 2460

2460 ÷ 4 = <u>615</u>

Q42) $\frac{5}{8} + \frac{1}{3} = \frac{15}{24} + \frac{8}{24} = \frac{23}{24}$

$\frac{23}{24} - \frac{3}{8} = \frac{23}{24} - \frac{9}{24} = \frac{14}{24}$

$\frac{14}{24} + \frac{2}{3} = \frac{14}{24} + \frac{16}{24} = \frac{30}{24} = 1\frac{6}{24} = 1\frac{1}{4}$

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Q43a) Suppose all were laptops:

Total mass → 13 x 1 = 13

Extra mass → 27 – 13 = 14

Difference in mass → 3 – 1 = 2

No. of rice cookers → 14 ÷ 2 = 7

Q43b) Total mass of rice cookers → 7 x 3 = 21kg

END

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RAFFLES GIRLS' PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
MATHEMATICS
PRIMARY 4

Name: _____ ( )

Math Teacher: _____ Form Class: P4 _____

Date: 24 Oct 2018 Duration: 1 h 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.

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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. In which of the following numbers does the digit 7 stand for 700?

   (1) 4790

   (2) 4970

   (3) 7904

   (4) 9407

2. In the number 26.37, the digit _____ is in the tenths place.

   (1) 6

   (2) 2

   (3) 3

   (4) 7

3. 1 min 48 s = _____

   (1) 49 s

   (2) 58 s

   (3) 108 s

   (4) 148 s

4. The area of a square is 100 cm^2. What is the length of each side of the square?

   (1) 50 cm

   (2) 40 cm

   (3) 25 cm

   (4) 10 cm

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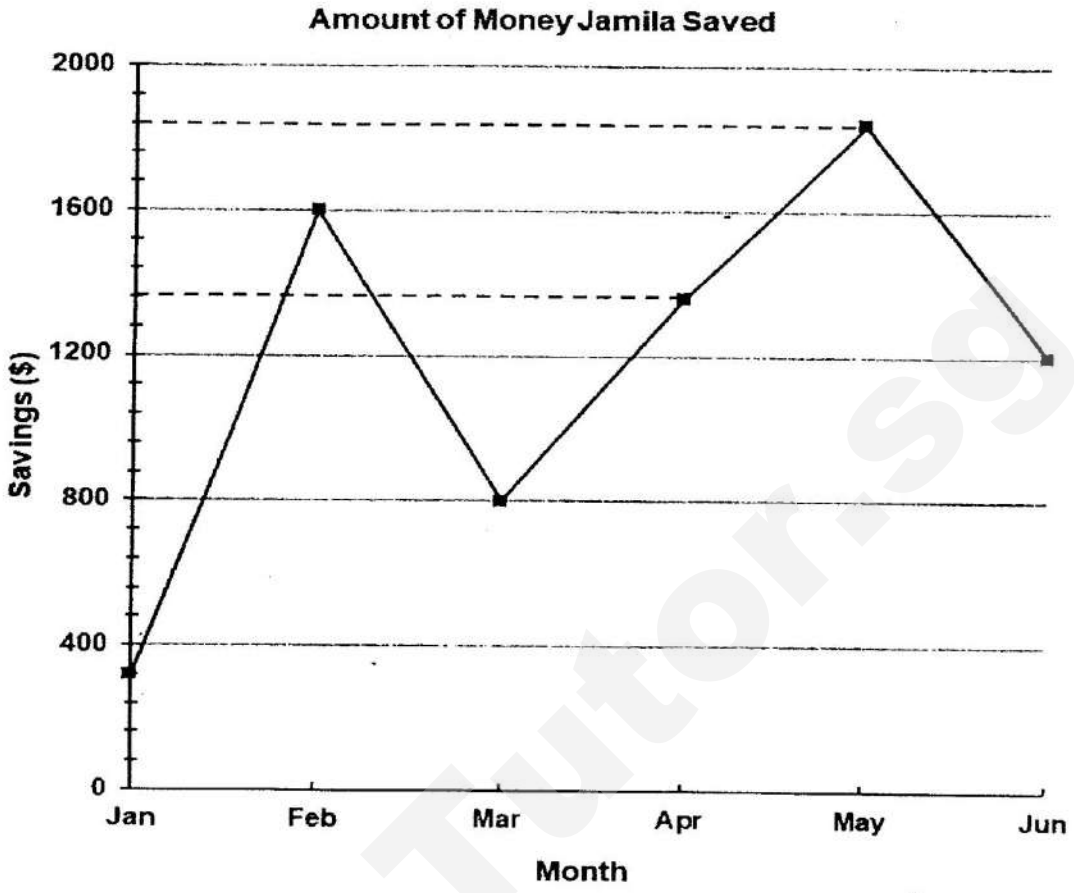
5. The line graph shows Jamila's savings from January to June.



How much money did Jamila save in May?

(1) $1800

(2) $1840

(3) $1850

(4) $1900

6. $6\frac{6}{9} = \frac{\square}{9}$

What is the missing number in the box?

(1) 36

(2) 48

(3) 54

(4) 60

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7. Which of the following are common factors of 24 and 36?

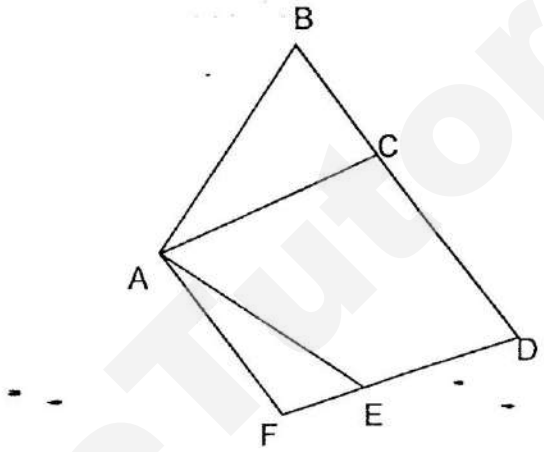
(1) 1 and 8

(2) 6 and 8

(3) 3 and 4

(4) 6 and 9

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



(1) BA and AE

(2) CA and AE

(3) AB and BC

(4) FA and AE

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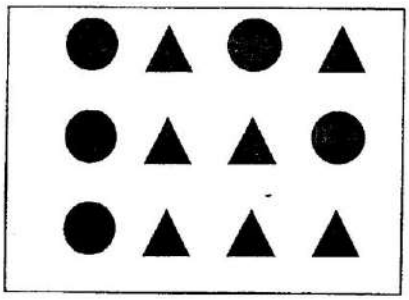
9. What fraction of the shapes in the box are ● ?



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

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

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

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

10. Which of the following decimals is the greatest?

(1) 0.199

(2) 0.369

(3) 0.289

(4) 0.382

11. Mandy bought 9 packets of red beads and 4 packets of green beads. There were 3508 beads in each packet. What was the difference in the number of red beads and green beads that Mandy bought?

(1) 14 032

(2) 17 540

(3) 31 572

(4) 45 604

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12. The area of a rectangle is 63 cm^2. Its length is 7 times as long as its breadth. Find the perimeter of the rectangle.

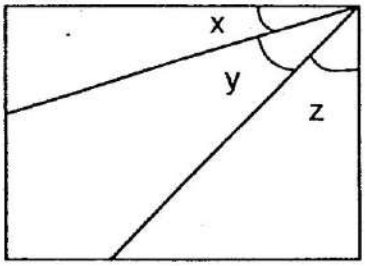
(1) 9 cm
(2) 21 cm
(3) 32 cm
(4) 48 cm

13. Surin saw a special offer at a nursery and decided to get 12 pots of money plants. How much did Surin pay altogether for the money plants?



(1) $19.50
(2) $26.00
(3) $58.50
(4) $78.00

14. The figure shows a rectangle. ∠z is three times of ∠x and ∠y is twice of ∠x. Find ∠x.



(1) 15°
(2) 18°
(3) 30°
(4) 45°

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15. The table shows the number of pets owned by the pupils in a class.

Number of pets	0	1	2	3	4	5
Number of pupils	4	4	13	8	7	4

What was the total number of pets owned by pupils who had 3 or more pets?

(1) 19
(2) 32
(3) 72
(4) 98

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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.

---

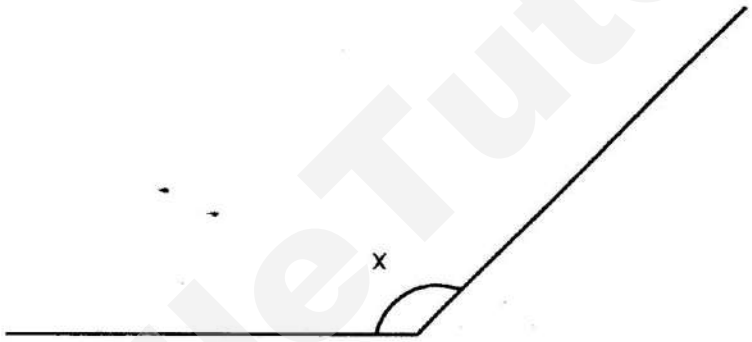
16. Arrange the following numbers from the smallest to the greatest.

508 , 805 , 850 , 580

Ans: _____ , _____ , _____ , _____

(smallest) *(greatest)*

17. Measure and write down the size of ∠ x.



Ans: _____ °

18. What number is 100 more than 9950?

Ans: _____

19. Express 0.7 as a fraction.

Ans: _____

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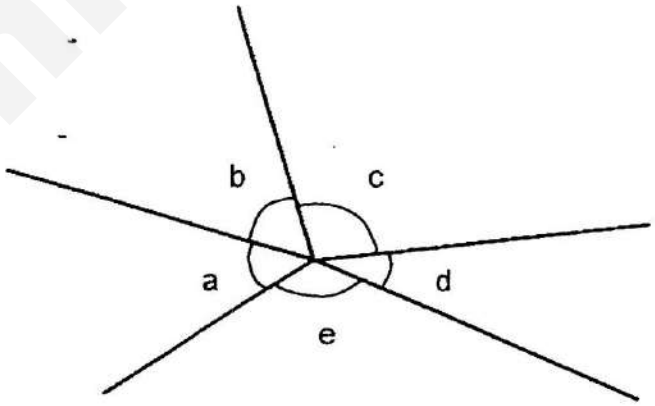
20. Find the value of $\frac{5}{12} - \frac{1}{3}$.

Ans: _____

21. 15.69 + 0.38 = _____

Ans: _____

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



Ans: ∠___ and ∠___

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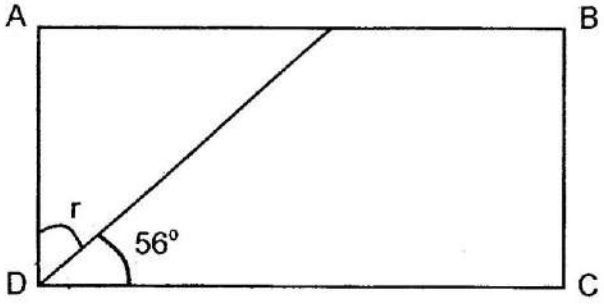
23. ABCD is a rectangle. Find $\angle r$.



Ans: _____°

24. Write $\frac{15}{7}$ as a mixed number.

Ans: _____

25. Draw $\angle PQR = 77°$ using the given line. Mark and label the angle.

P _____ Q

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26. Ginny has $20 723 in her savings. She has $2468 more in savings than Kathy. What is the amount of savings that Kathy has?

Ans: $ _____

27. Mr Tan had 63.18 kg of brown rice. He packed them equally into 9 packets. What was the mass of each packet?

Ans: _____ kg

28. Mr Yacob and his family drove from Singapore to Malacca for a vacation. They started their journey at 11 45 and arrived in Malacca 1 h 50 min later. What time did they arrive in Malacca? Express your answer using the 24-hour clock.

Ans: _____

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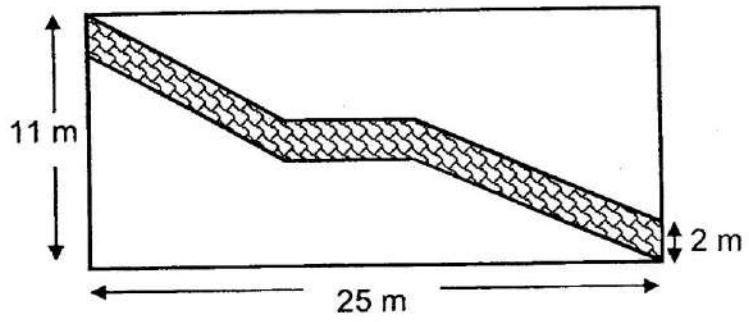
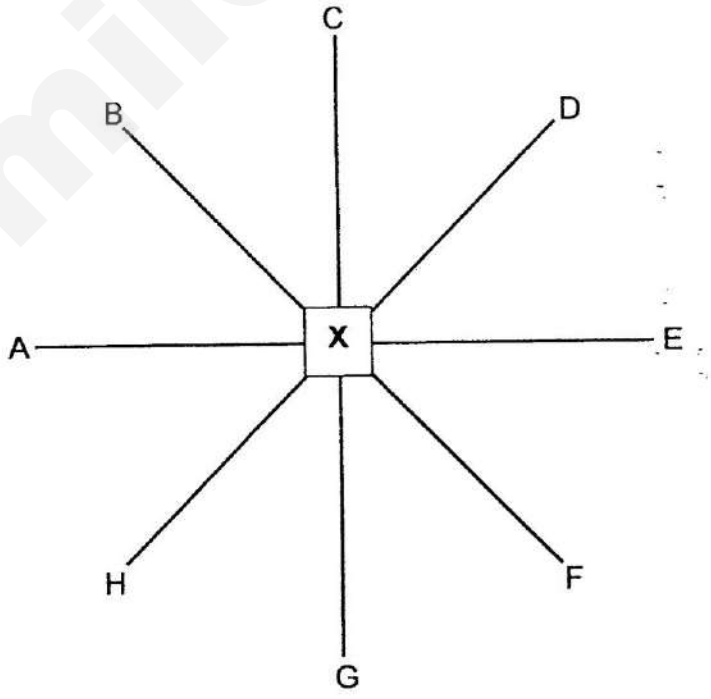
29. A rectangular park measured 25 m by 11 m. A pavement of width 2 m was built across the park. Find the area of the park not covered by the pavement.



Ans: _____ m

30. Claire is standing in the middle marked 'X' and facing point F. She turns 135° anti-clockwise. Which point will she face?



Ans: _____

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31. At a cafe, three types of pastry were sold at the prices shown below.



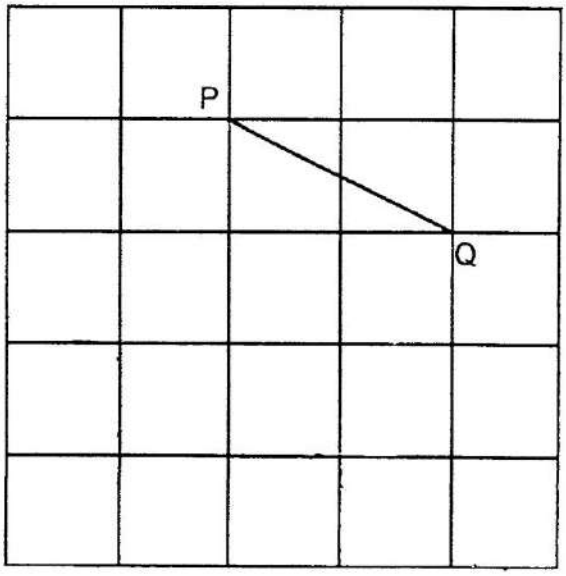
The table shows the number of each type of pastry sold at the cafe from Friday to Sunday.

Day	Donuts	Cupcakes	Muffins
Friday	23	14	36
Saturday	46	49	33
Sunday	31	39	53

What was the total amount collected from the sale of the most popular pastry on Saturday?

Ans: $ _____

32. Use line PQ to draw a square PQRS in the square grid below.



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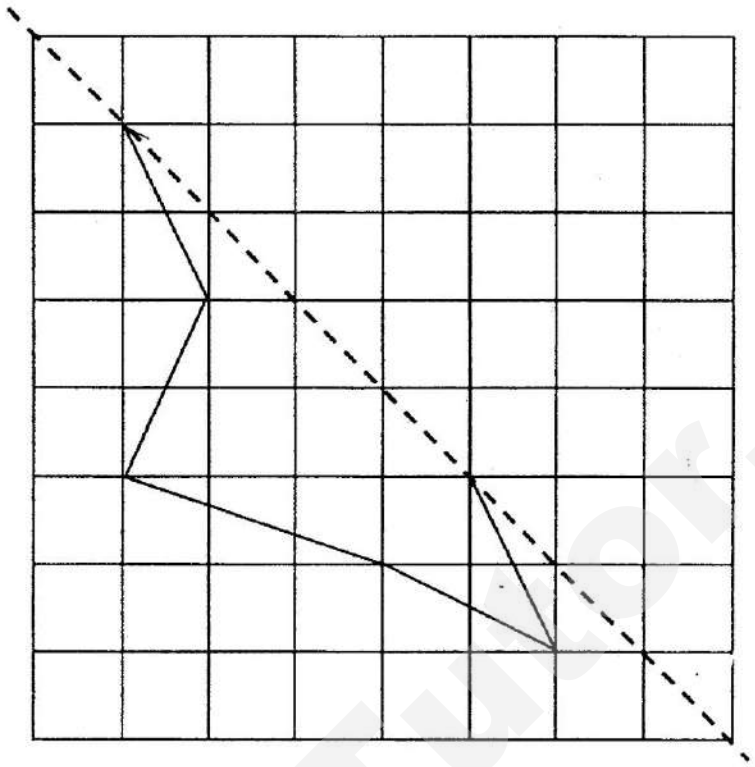
33. Complete the figure such that the dotted line is a line of symmetry.



34. Ali bought 4 pens at $1.25 each and 3 rulers at $0.95 each.
How much change would he get back after paying the cashier $10?

Ans: $_____

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35. Mr Ong gave out some stickers to 10 pupils in the class. The pupils were asked to come out one by one to receive the stickers. The first pupil received 1 sticker and the second pupil received 2 stickers. The subsequent pupil received 1 more sticker than the previous pupil.

How many stickers did Mr Ong give out altogether?

Ans: _____

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SECTION C (35 marks)

For questions 36 to 44, show your working clearly in the space provided below each question and write your answers with suitable units in the spaces provided. All diagrams are not drawn to scale. 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. Cheng Wan and his wife spent $2160.50 in January. His wife spent $420.30 less than him. How much did his wife spend in January?

Ans: _____ [3]

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37. Josephine finished reading all 185 pages of a story book in 5 days.
For each day, she read 10 pages more than the previous day.
How many pages did she read on the first day?

Ans: _____ [3]

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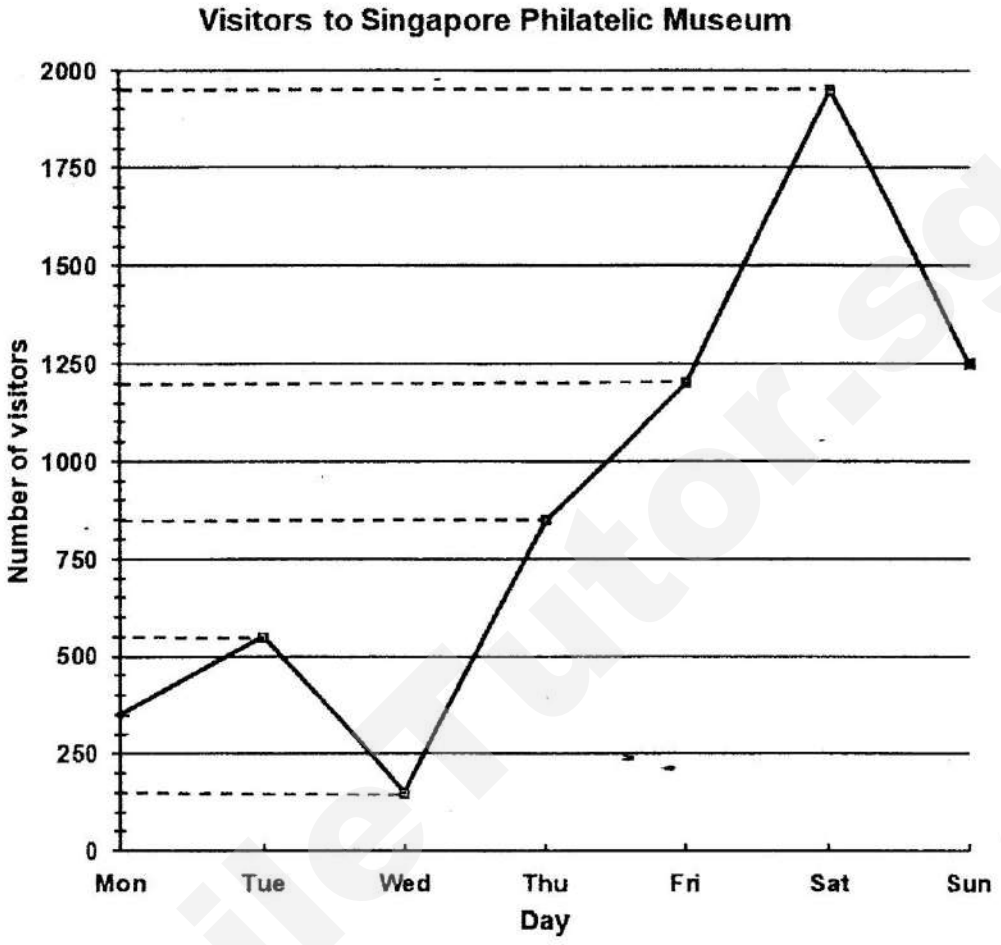
38. The line graph shows the number of visitors to the Singapore Philatelic Museum in a week.



a) What was the increase in the number of visitors to the museum between Wednesday and Thursday?

b) The entrance fee for each visitor was $3. What was the total amount of money collected from the visitors to the museum on Saturday and Sunday?

Ans: a) _____ [1]

b) _____ [2]

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39. It was movie marathon night for the Tan family. From the four movies they rented, they decided to watch the two movies that would finish the earliest. They watched the 2 movies one after another.

Movie Title	Duration
Moana	1 h 53 min
Zootopia	1 h 51 min
Incredibles 2	1 h 58 min
Peter Rabbit	1 h 34 min

a) How long did the 2 movies last?
(Express your answer in hours and minutes)

b) They finished watching the two movies at 00 05. What time did they start watching the first movie? (Express your answer in 24-hour clock)

Ans: a) _____ [2]

b) _____ [2]

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40. Meredith went shopping with $150. First, she bought a hair clip. Next, she bought a purse which cost $12.40 more than the hair clip. Finally, she bought a pair of shoes which cost twice as much as the purse. In the end, Meredith had $34.80 left.

How much did Meredith spend on the hair clip?

Ans: _____ [4]

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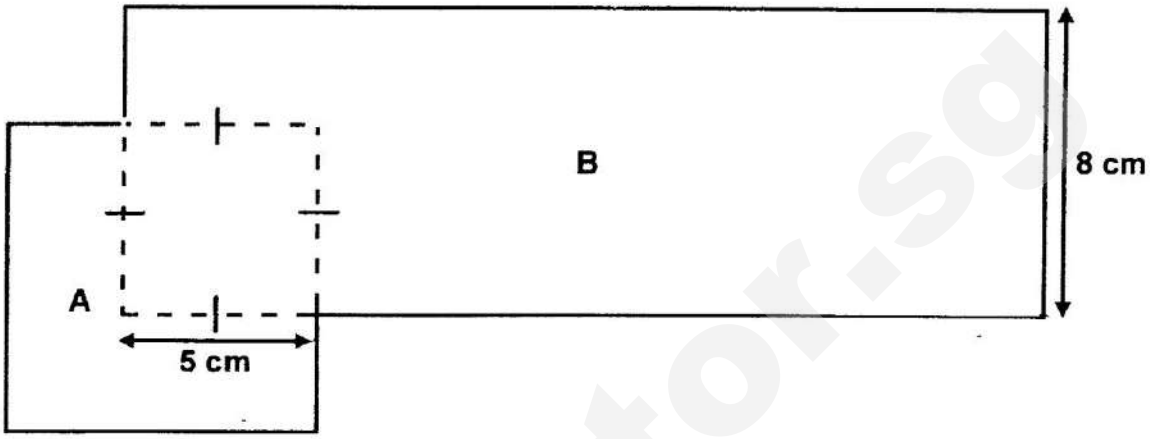
41. The figure is made up of Square A overlapping with Rectangle B at a corner. Area of Rectangle B is 192 cm^2. Area of Square A is $\frac{1}{3}$ the area of Rectangle B. Find the perimeter of the figure.



Ans: _____ [4]

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42. Raja received a jigsaw puzzle with 1200 pieces as a birthday present. On the first day, he fixed $\frac{2}{5}$ of the jigsaw puzzle. The number of pieces he fixed on the second day was $\frac{7}{8}$ of what he fixed on the first day.

He finished fixing the jigsaw puzzle on the third day.

a) What was the total number of pieces Raja fixed on the first and second day?

b) What fraction of the jigsaw puzzle was fixed on the third day? (Express your answer in the simplest form)

Ans: a) _____ [3]

b) _____ [2]

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43. Lynette had 93 pencils and pens. After giving away $\frac{3}{4}$ of her pens and 28 pencils, she had an equal number of pencils and pens left.

How many pencils did she have at first?

Ans: _____ [4]

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44. Mr Lee invited his friends to his Christmas party. Some of his friends brought 2 children and the rest brought 3 children with them. There were 12 more friends who brought 3 children than those who brought 2 children. The total number of children at the party was 91.

a) Each child received 3 cupcakes, how many cupcakes did Mr Lee prepare?

b) How many of Mr Lee's friends brought 3 children to the Christmas party?

Ans: a) _____ [1]

b) _____ [4]

-End of Paper-

Please check your work carefully ☺

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : SA 2

SECTION A

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

SECTION B

Q16) 508, 580, 805, 850

Q17) 134°

Q18) 10 050

Q19) $\frac{7}{10}$

Q20) $\frac{1}{12}$

Q21) 16.07

Q22) e and c

Q23) 34°

Q24) $2\frac{1}{7}$

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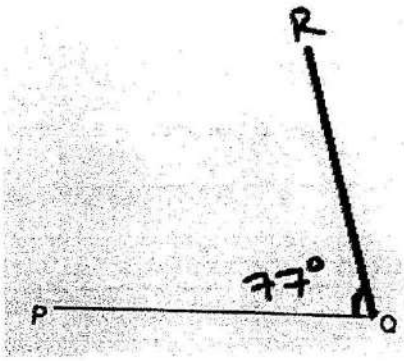
Q25)



Q26) $18 255

Q27) 7.02 kg

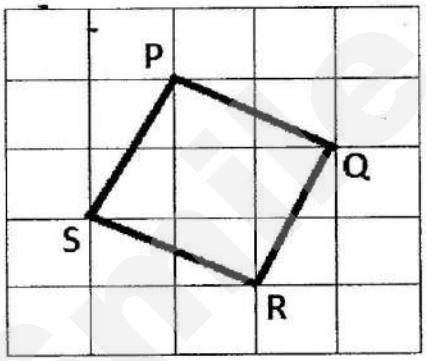
Q28) 13 35

Q29) 225 m^2

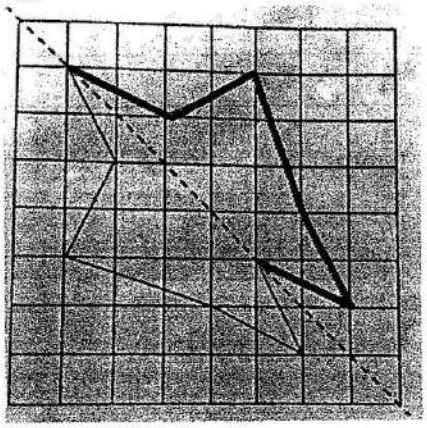
Q30) C

Q31) $196

Q32)



Q33)



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Q34) $2.15

Q35) 55

SECTION C

Q36) 2160.50 – 420.30 = $1740.20
1740.20 ÷ 2 = $870.10

Q37) 10 x 10 = 100
185 – 100 = 85
85 ÷ 5 = 17

Q38a) 850 – 150 = 700

Q38b) 1950 + 1250 = 3200
3200 x 3 = $9600

Q39a) 1h 51 min + 1 h 34 min = 3 h 25 min

Q39b) 00 05 – 3 h 25 min = 20 40

Q40) 3 x 12.40 = $37.20
150 – 37.20 = $112.80
112.80 – 34.80 = $78
78 ÷ 4 = $19.50

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Q41) $192 \div 4 = 24$

$24 - 5 = 19$

$192 \div 3 = 64$

$8 \times 8 = 64$

$24 + 8 + 19 + 3 + 8 + 8 + 3 + 3 = \underline{76cm}$

Q42a) 1st day → $1200 \div 5 = 240$

$240 \times 2 = 480$

2nd day → $480 \div 8 = 60$

$60 \times 7 = 420$

Total: $480 + 420 = \underline{900}$

Q42b) $1200 - 900 = 300$

$\frac{300}{1200} = \frac{1}{4}$

Answer: $\frac{1}{4}$

Q43) $93 - 28 = 65$

$65 \div 5 = 13$

$13 + 28 = \underline{41}$

Q44a) $91 \times 3 = \underline{273}$

Q44b) $12 \times 3 = 36$

$91 - 36 = 55$

$2 + 3 = 5$

$55 \div 5 = 11$

$11 + 12 = \underline{23}$

END

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Rosyth School
2018 Semestral Assessment 2
Mathematics
Primary 4

Name : _____ ( ) Total 100

Class : Pr 4 - _____ Duration: 1h 45 min

Date : 25 Oct 2018 Parent's Signature: _____

Instructions to Pupils:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. This paper consists of 3 parts: Sections A, B and C.
5. For questions 1 to 15 in Section A, shade your answers in the Optical Answer Sheet (OAS).

	Maximum Marks	Marks Obtained
Section A	30	
Section B	42	
Section C	28	
Total	100	

* This paper consists of 22 printed pages altogether (including the cover page).

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your choice (1, 2, 3 or 4). Shade your answers on the Optical Answer Sheet. Ea
question carries 2 marks.

1. In which of the following numbers does the digit 3 stands for 300?

   (1) 3 580
   (2) 5 304
   (3) 6 103
   (4) 7 039

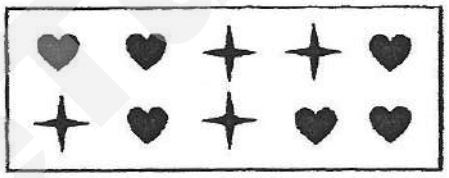
2. 24 thousands and 6 tens is the same as _____.

   (1) 246
   (2) 2 460
   (3) 24 006
   (4) 24 060

3. 64 259 rounded to the nearest hundred is _____.

   (1) 64 000
   (2) 64 200
   (3) 64 260
   (4) 64 300

4. What fraction of the shapes in the box are ✦?



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

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

   (3) $\frac{6}{10}$

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

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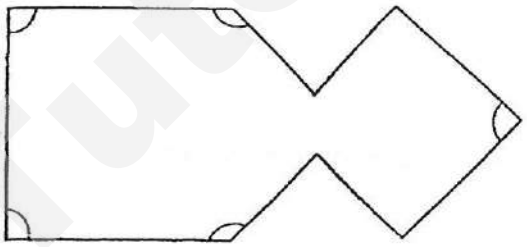
What is the missing number in the box?

(1) 21
(2) 53
(3) 56
(4) 59

6. In which of the following numbers does the digit 4 stand for 4 tenths?

(1) 14.25
(2) 23.45
(3) 45.98
(4) 67.34

7. In the figure below, how many of the marked angles are right angles?



(1) 5
(2) 2
(3) 3
(4) 4

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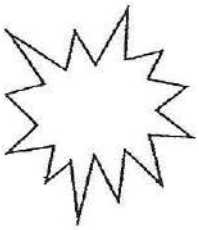
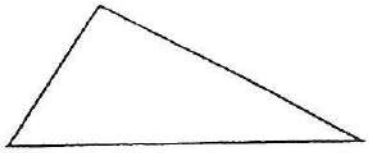
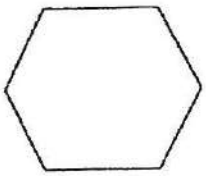
(1)



(2)



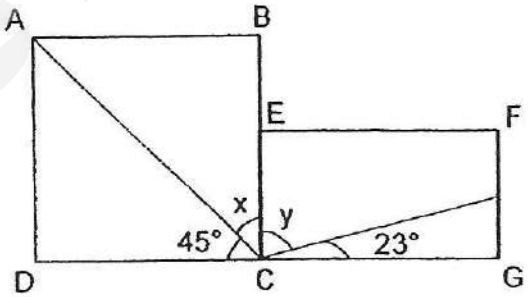
(3)



(4)



9. The figure below, shows a square ABCD and a rectangle EFGC. Find the sum of $\angle x$ and $\angle y$.



(1) 45°
(2) 67°
(3) 102°
(4) 112°

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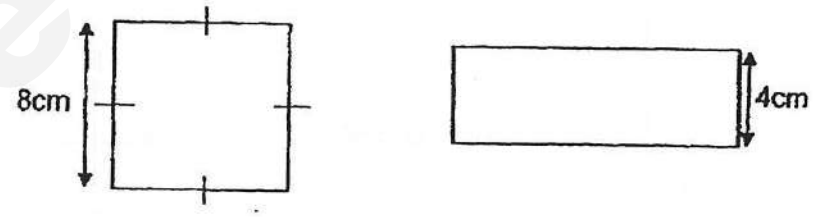
(1) 42
(2) 48
(3) 52
(4) 198

11. The table below shows the favourite activities of some children in a club. The number of children who like swimming is thrice the number of children who like basketball. What is the total number of children in the club?

Activity	Number of Children
Soccer	55
Cycling	25
Basketball	35
Swimming	?

(1) 70
(2) 105
(3) 200
(4) 220

12. Both the square and rectangle have the same area. Find the perimeter of the rectangle given that its breadth is 4cm.



(1) 16 cm
(2) 20 cm
(3) 40 cm
(4) 64 cm

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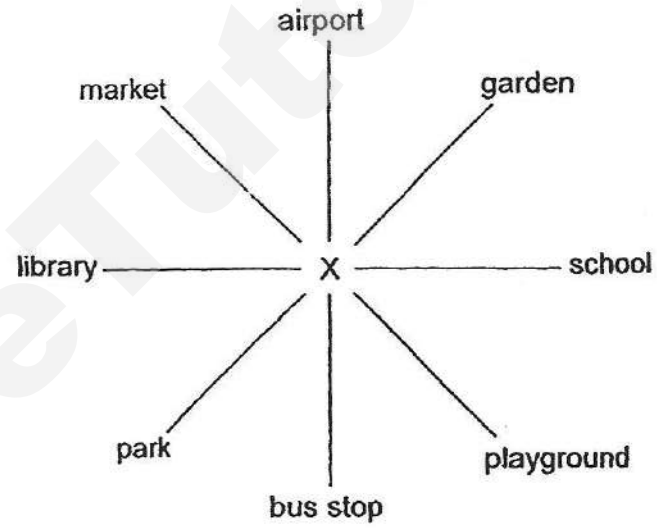
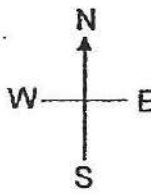
(1) $9.20
(2) $9.60
(3) $40.40
(4) $41.40

14. Both Boon and Kim left work at 6.00 pm. Kim reached home 15 minutes earlier than Boon. Boon reached home at 7.25 pm. How long did it take Ki to reach home from work?

(1) 1h 10 min
(2) 1h 25 min
(3) 1h 30 min
(4) 1h 40 min

15. Philip was at point X facing the library. He wanted to go to the garden. In which direction should he turn?





(1) 135° clockwise
(2) 135° anti-clockwise
(3) 225° clockwise
(4) 315° clockwise

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your answers in the units stated.

All diagrams in this paper are not drawn to scale unless stated otherwise.

16. Write thirty thousand and forty-five in figures.

Ans: _____

17. Two factors of 10 are 1 and 10. What are the other two factors of 10?

Ans: _____ and _____

18. How many one-sixths are there in 1 whole?

Ans: _____

19. What is the value of $\frac{5}{6} + \frac{1}{3}$?

Express your answer as a mixed number.

Ans: _____

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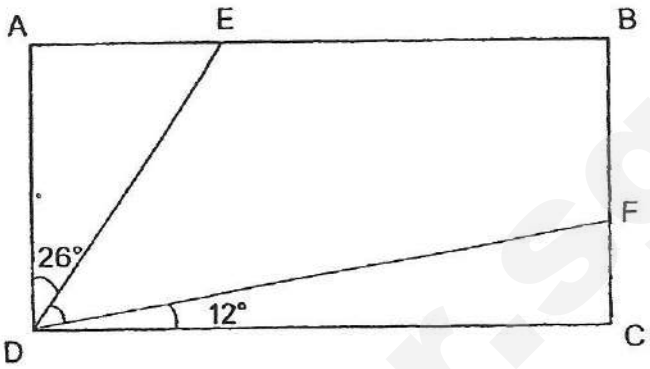
$\frac{5}{7}$, $\frac{3}{7}$, $\frac{1}{2}$

Ans: _____, _____, _____
(smallest) (greatest)

21. In the figure shown, ABCD is a rectangle. Find ∠EDF.

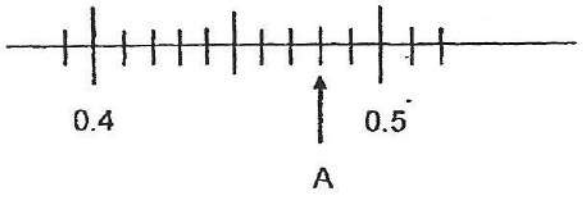


Ans: _____°

22. Write 9 hundredths in figures.

Ans: _____

23. Write the decimal represented by A.



Ans: _____

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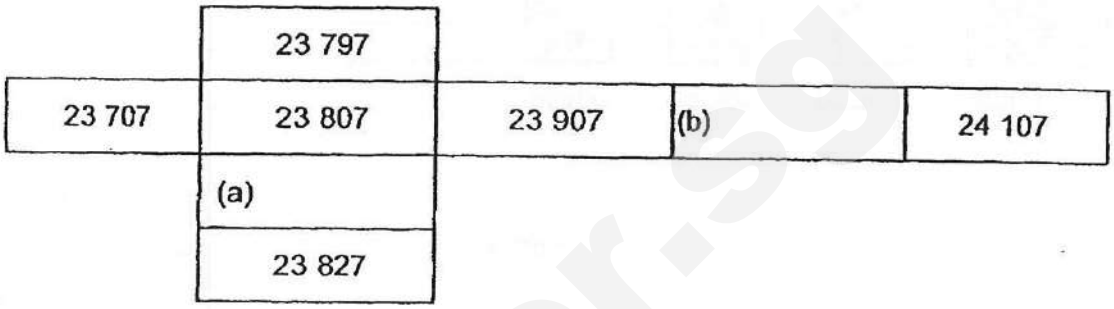
Ans: _____

25. Fill in the missing numbers.



Ans: (a) _____

(b) _____

26. Stall X sells durian cakes every 4 days.
Stall Y sells durian cakes every 5 days.
If stalls X and Y sold durian cakes on National Day, how many days later would both stalls sell durian cakes on the same day again? (Find the **shortest** possible number of days.)

Ans: _____

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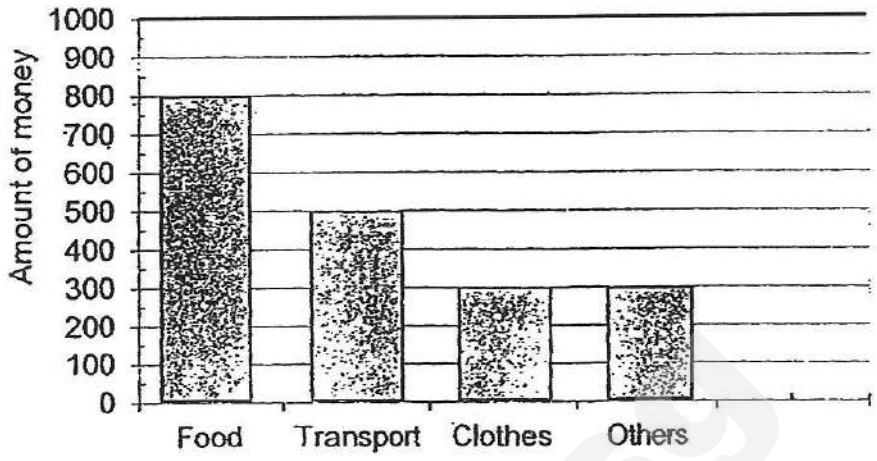
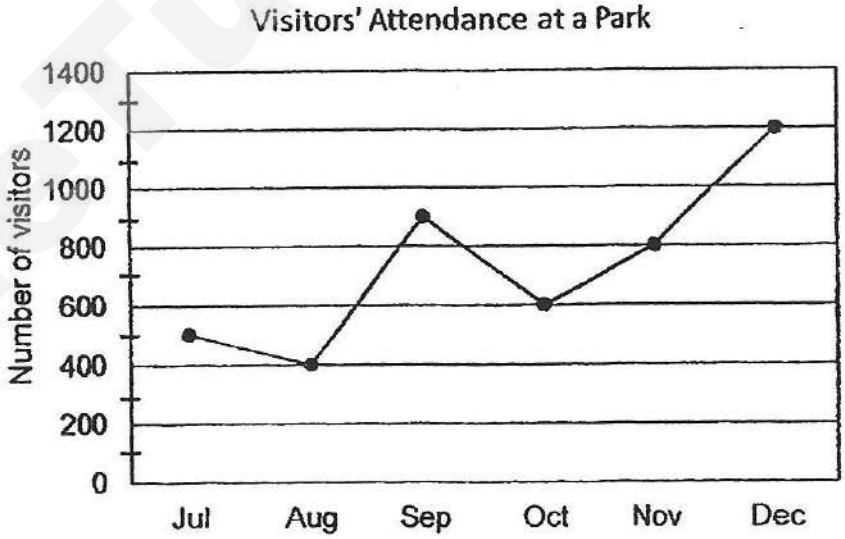
Find the total amount of money Victor spent in a month.



Ans: $ _____

28. The graph below shows the number of visitors at a park. What was the increase in the number of visitors from October to December?



Ans: _____

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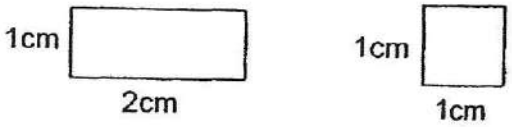
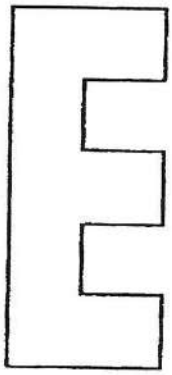
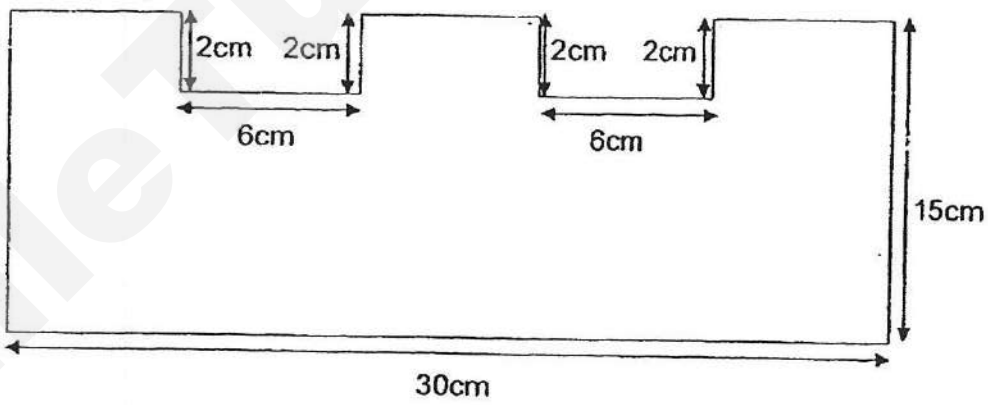




Ans: _____ cm

30. Find the area of the figure given below.



Ans: _____ cm^2

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containers. How many litres of juice are there in each container? Give your answer correct to 1 decimal place.

Ans: _____ litres

---

32. Jason cycles a distance of 4.25 km to the park. Iman cycles 3 times as far as Jason does. What is the total distance the two boys cycle?

Ans: _____km

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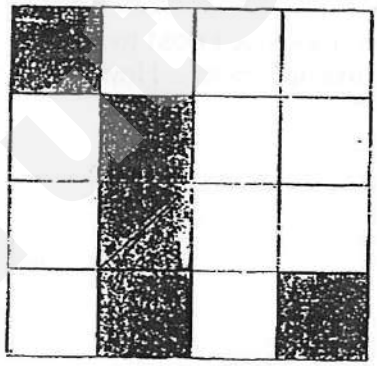
Ans: _____ a.m.

34. In the figure below, shade two more squares so that the figure is symmetrical. Draw the line of symmetry.



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wanted to buy both apples and grapes. What is the most number of apples she can buy if she bought 1 kg of grapes?

Fruit	Cost
Apples	3 apples for $2
Grapes	1 kg for $10

Ans: _____

---

36. Nisha bought 4 notebooks and 2 pens. Each notebook cost twice as much as a pen. She paid $24.80 more for the notebooks. How much did Nisha spend on the pens?

Ans: $ _____

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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.

37. Annie, Peter and Vincent had 162 stamps.

Annie had twice as many stamps as Peter.

Vincent had three times as many stamps as Annie.

How many stamps did Vincent have?

Ans: _____ [3]

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trees in each row. $\frac{5}{7}$ of the trees have fruits. The rest of the trees do not have fruits.

(a) How many mango trees are there altogether?

(b) How many mango trees do not have fruits?

Ans: (a) _____ [1]

(b) _____ [2]

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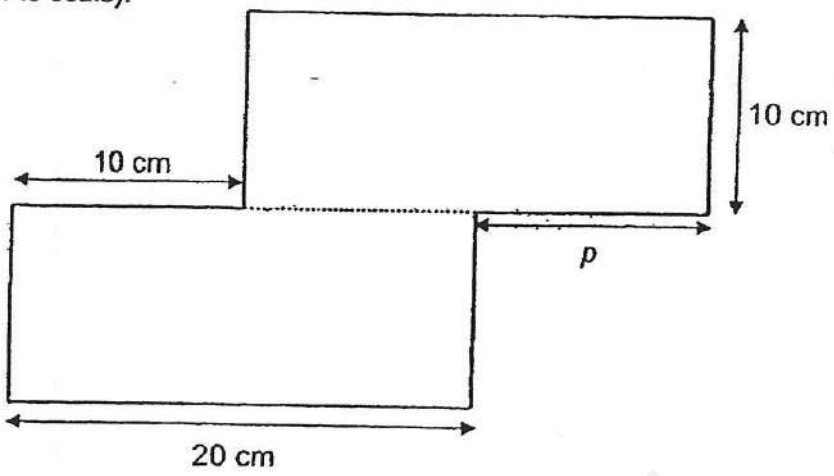
drawn to scale).



(a) What is the length of the side marked p?

(b) Find the perimeter of the figure.

Ans: (a) _____ [1]

(b) _____ [2]

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spent $15.50 and Alice spent $3.50, Alice had 5 times the amount of money Julia had. How much money did Julia have at first?

Ans: _____ [3]

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Each girl was given two balloons and each boy was given three balloons.

(a) How many balloons did 3 girls and 1 boy have?

(b) Given that a total of 135 balloons were given out, how many girls were there?

Ans: (a) _____ [1]

(b) _____ [3]

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42. Judy and Ben had a total of 115 stickers.

Ben and Eugene had a total of 160 stickers.

Eugene had 4 times as many stickers as Judy.

How many stickers did Ben have?

Ans: _____ [4]

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yellow jelly beans to fill up the space in the container. How many more green jelly beans than yellow jelly beans were there?

Ans: _____ [4]

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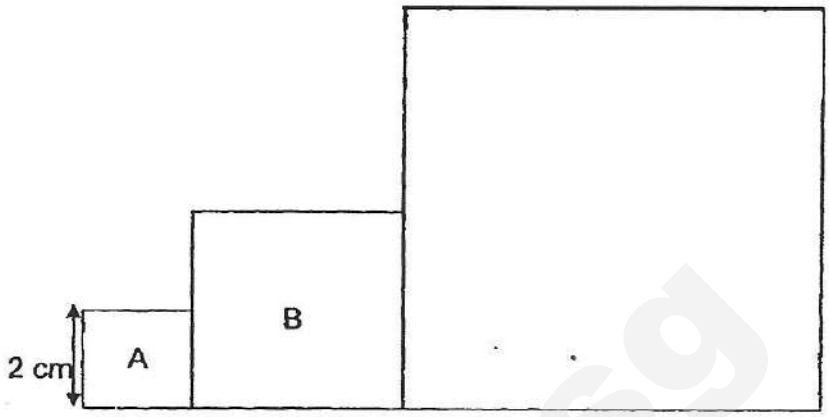
C is 4 times the area of square B. The area of B is 16 cm². (The diagram is not drawn to scale).



(a) Find the area of the figure.

(b) Find the perimeter of the figure.

Ans: (a) _____ [2]

(b) _____ [2]

End of paper

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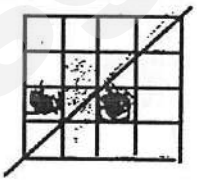
SCHOOL : ROSYTH SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

Section A

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

Section B

Q16 30 045
Q17 2 and 5
Q18 6
Q19 $1\frac{1}{6}$
Q20 $\frac{3}{7}, \frac{1}{2}, \frac{5}{7}$
Q21 52°
Q22 0.09
Q23 0.48
Q24 13
Q25 (a) 23 817
(b) 24 007
Q26 20
Q27 $1900
Q28 600
Q29 18cm
Q30 $426cm^2$
Q31 4.2 litres
Q32 17km
Q33 11.30a.m
Q34 
Q35 30
Q36 $8

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Q37

9 units = 162
1 unit = 162÷9 = 18
6 units = 18 x 6 = **108**

Q38

(a) 12 x 28 = **336 (total no. of fruits)**

(b) 7 units = 336
1 unit = 336 ÷ 7 = 48
2 units = 48 x 2 = **96 (do not have fruits)**

Q39

(a) 20cm – 10cm = **10cm (length of p)**

(b) 20cm x 5 = **100cm (perimeter)**

Q40

4 units = $15.50 - $3.50 = $12
1 unit = $12 ÷ 4 = $3
$3 + $15.50 = **$18.50 (at first)**

Q41

(a) 3 x 2 = 6 (girls)
3 x 1 = 3 (boys)
6 + 3 = **9**

(b) 9 units = 135
1 unit = 135 ÷ 9 = 15
3 units = 15 x 3 = **45 (girls)**

Q42

160 – 115 = 45 (diff Eugene and Judy)
3 units = 45
1 unit = 45 ÷ 3 = **15**
115 – 15 = **100 (Ben)**

Q43

2 units = 80
1 unit = 80 ÷ 2 = **40**
7 units = 7 x 40 = **200**

Q44

(a) 2cm x 2cm = $4cm^2$ (Area of square A)
$16cm^2$ x 4 = $64cm^2$ (Area of square C)
$(4 + 16 + 64)cm^2$ = **$84cm^2$ (Area of figure)**

(b) (2cmx3) + 2cm + (4cmx2) + 4cm + (8cmx3) = **44cm (perime**

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SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2018

PRIMARY 4

MATHEMATICS

BOOKLET A

Name : _____( ) **19 October 2018**

Class : Primary 4 SY/C/G/SE/P

Parent's Signature

There are 15 questions in this booklet.
SECTION A

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

This question paper consists of 5 printed pages.

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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. The value of the digit 9 in 59 216 is _____.

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

2. 90 000 + 1000 + 700 + 4 = _____.

   (1) 90 174
   (2) 91 704
   (3) 91 740
   (4) 91 744

3. Which of the following is a multiple of both 5 and 6?

   (1) 11
   (2) 24
   (3) 25
   (4) 30

4. Which of the following is **not** an equivalent fraction of $\frac{1}{4}$?

   (1) $\frac{2}{8}$
   (2) $\frac{3}{12}$
   (3) $\frac{5}{16}$
   (4) $\frac{6}{24}$

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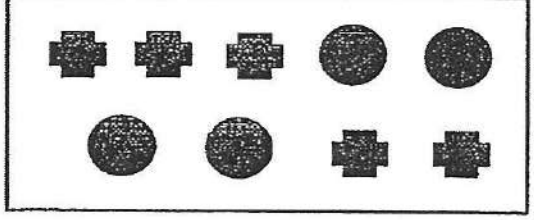


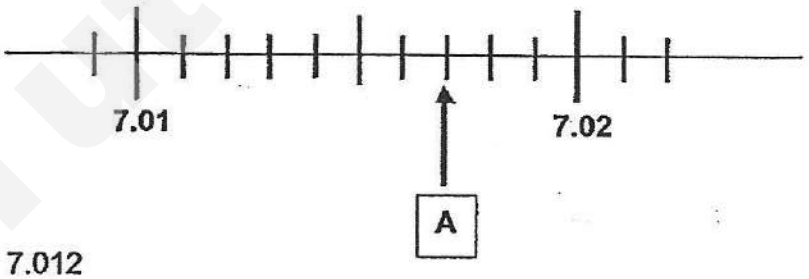
(1) $\frac{4}{9}$

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

(3) $\frac{5}{9}$

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

6. Which of the following decimals is represented by the letter A on the n line?



(1) 7.012

(2) 7.017

(3) 7.023

(4) 7.027

7. Express $4\frac{7}{20}$ as a decimal

(1) 4.7

(2) 4.72

(3) 4.35

(4) 4.035

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(1) $22.65

(2) $22.70

(3) $27.30

(4) $27.35

9. Jane bought 25 kg of flour. She used 0.96 kg of it to make some cookies. She packed the remaining flour equally into 4 bags. What was the mass of flour in each bag?

(1) 6.01 kg

(2) 6.1 kg

(3) 6.16 kg

(4) 6.61 kg

10. A file costs twice as much as a pen. Ava paid $3.90 for 1 file and 4 pens. How much did Ava pay for each pen?

(1) $0.65

(2) $0.78

(3) $1.30

(4) $2.60

11. A $\frac{3}{4}$ turn = _____ °

(1) 120°

(2) 180°

(3) 270°

(4) 360°

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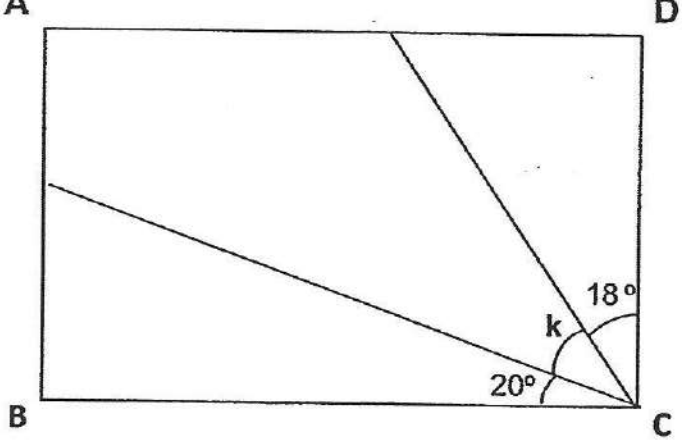

(1) 27°

(2) 52°

(3) 70°

(4) 72°

13. Lisa's ballet lesson started at 1.45 p.m.
Her ballet lesson ended at 3.15 p.m.
How long was her ballet lesson?

(1) 1 h 30 min

(2) 2 h

(3) 3 h

(4) 2 h 30 min

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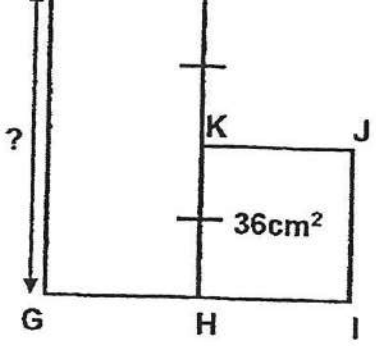

(1) 6 cm

(2) 9 cm

(3) 12 cm

(4) 16 cm

15. Choose the improper fraction to represent the shaded parts below.



(1) $\frac{13}{8}$

(2) $\frac{16}{8}$

(3) $\frac{19}{8}$

(4) $\frac{21}{8}$

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SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2018

PRIMARY 4

MATHEMATICS

BOOKLET B

Name : _____( ) 19 October 2018

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 11 printed pages.

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Section B: (40 marks)

Questions 16 to 35 carry 2 marks each. Write your answers in the space provided. For questions which require units, give your answers in the units stated.

Do not writ
In this colu

16. Write five thousand and twelve in figures.

Ans:_____

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

9705 , 9057 , 9570

Ans: _____ (smallest) , _____ , _____ (greatest)

18. Some factors of 24 are 1, 2 , 3 , 4 , 6 and 24. What are the other two factors of 24?

Ans : _____ and _____

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

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

Ans : _____ and _____

8

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Ans:_____

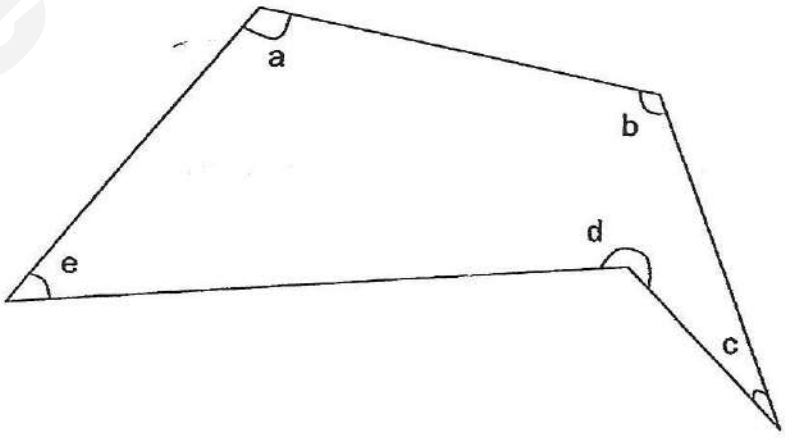
21. Round 12.65 to the nearest whole number.

Ans:_____

22. 5.3 – 0.89 = _____

Ans : _____

23. In the figure below, name the two angles that are smaller than 90°.



Ans : ∠_____ and ∠_____

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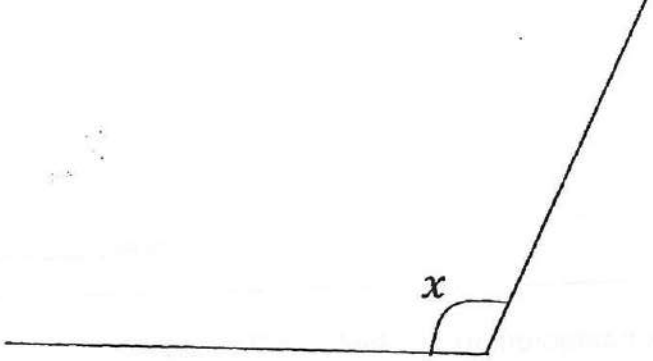

Ans: _____ °

25. The price of 3 egg tarts is $2.10.
What is the cost of 8 such egg tarts?



Ans: $_____

26. Uncle Jack bought 63 boxes of pens. There were 9 pens in each box.
He repacked the pens into smaller packets of 5 each.
How many pens were left unpacked?

Ans: _____

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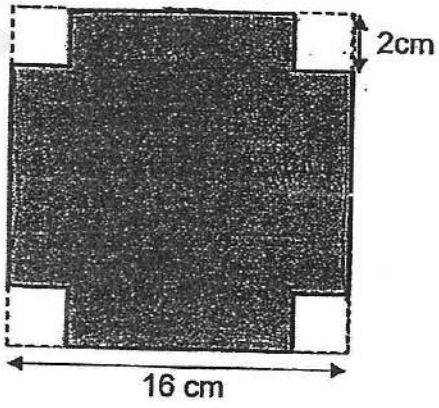
Ans:_____

28. Some water was poured out from a tank into 7 bottles.
Each bottle contained 0.5 ℓ of water. 2.4 ℓ of water was left in the tank.
How much water was there in the tank at first?

Ans:_____

29. The figure below is a square of side 16 cm.
A small square of side 2 cm is cut out from each corner of the square.
What is the perimeter of the shaded figure?



Ans:_____cm

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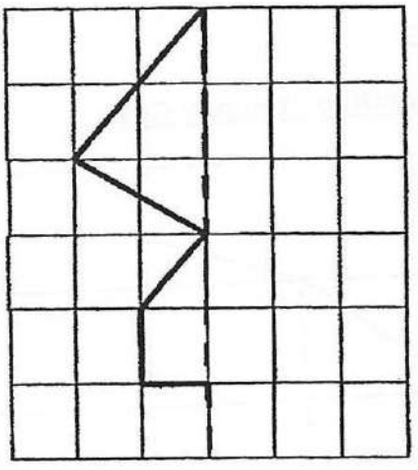
30. Complete the diagram below to form a symmetric figure.
The dotted line is the line of symmetry. Draw the other half.

Do not write
In this column



31. Mr Li travelled by train from Singapore to Penang. He left at 22 40. The journey took 12 h 55 min. What time did Mr Li arrive in Penang?

Ans:_____

4

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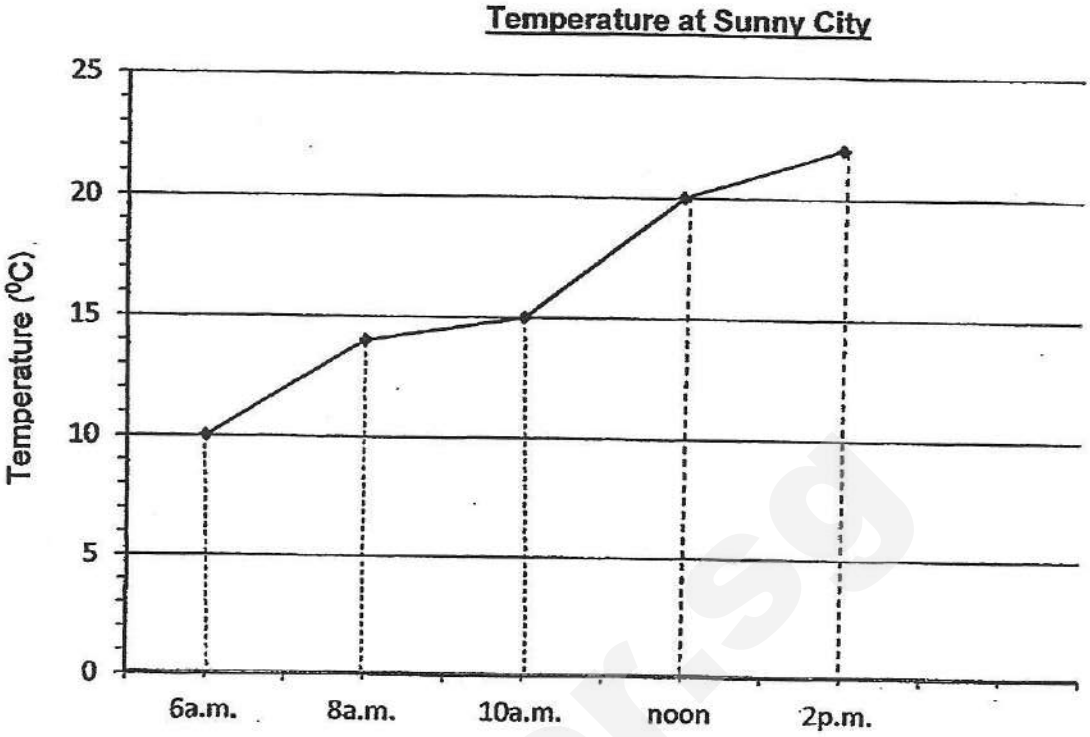
Answer Questions 32 and 33.



32. How much hotter was it at noon than at 6 a.m.?

Ans:_____ °C mor

33. During which 2 hour interval did the temperature increase by 5°C?

Ans: _____ to _____

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Name	Amount spent ($)
Alice	350
Betty	300
Candy	890
Diane	710

34. Please put a tick (√) in the following boxes.

	True	False	Not possible to tell
The 4 children spent more than $2000 altogether			

35. What is the difference between the greatest amount and the smallest amount spent?

Ans: $_____

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question or part-question.

36. Danielle had 510 marbles. She had thrice as many marbles as Hann
Danielle then gave Hannah some marbles so that both of them will ha
the same number of marbles. How many marbles will each of them have
the end?

Ans:_____ [

37. Tom is 7 years old now. Jack is 4 years older than him. How old will To
be when he is $\frac{5}{7}$ of Jack's age?

Ans:_____ [3

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Do not write
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38. In a box there are 20¢ and 50¢ coins. There are 20 coins with a total value of $6.40. Find the number of 20¢ coins.

Ans: _____ [4]

39. Tank A has four times as much water as Tank B. When Jenny adds 1.9 ℓ of water to Tank A and 3.4 ℓ of water to Tank B, both tanks will have the same volume of water. Find the total volume of water in **both** tanks in the end.

Ans: _____ [4]

8

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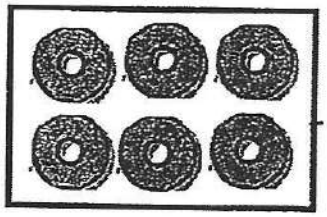
$2



$9

Ans: _____ [4

41. Mr Tan's car was left with $\frac{1}{4}$ fuel He added 28 ℓ of fuel to his car, it became $\frac{5}{12}$ full. How much more fuel was needed to fill up Mr Tan's car?

Ans: _____ [4]

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42. When $\frac{3}{4}$ of a bottle is filled with lemonade, it weighs 380g. When the bottle is half-filled with lemonade, it weighs 300g. Find the mass of the empty bottle.

Do not write in this colur

Ans: _____ [4]

4

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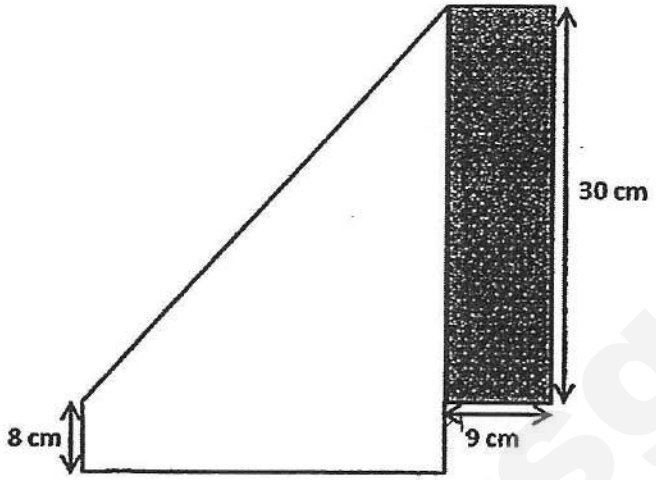
b) area of the rectangular piece of paper



Ans:a) _____ [2]

b) _____ [2]

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END OF PAPER

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SINGAPORE CHINESE GIRLS' SCHOOL (PRIMARY)
Second SEMESTRAL ASSESSMENT 2018
PRIMARY 4
MATHEMATICS
ANSWER KEY FOR PUPILS

Section A

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

Section B

16) **5012**	17) **9057 , 9570 , 9705**
18) . **8 and 12**	19) $\frac{4}{9}$ and $\frac{5}{12}$
20) $1\frac{2}{9}$, $1\frac{6}{27}$ or $1\frac{4}{18}$	21) **13**
22) **4.41**	23) ∠e and ∠c.
24) 113^0	25) 2.10 ÷ 3 = $0.70 $0.70 x 8 = **$5.60** Or 6 tarts --- $2.10 x 2 = $4.20 2 tarts --- $0.70 x 2 = $1.40 8 tarts --- $4.20 + $1.40 = $5.
26) 63 x 9 = 567 567 ÷ 5 = 113 R 2 **2** pens left	27) 5 units = 105 1 units = 105 ÷ 5 = 21 8 units = 21 x 8 = **168**

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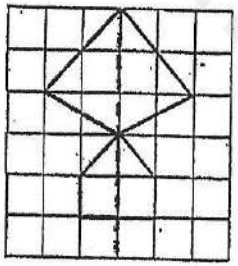
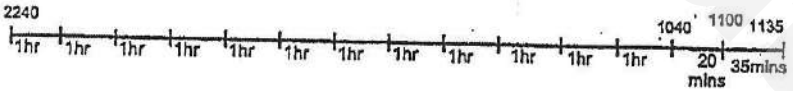
30)



31) Time line to show 11.35 a.m. (A2)



32) $20^0C - 10^0C = \underline{10^0C}$

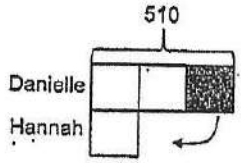
33) <u>10 a.m. to noon</u>

34) $710 + 300 + $890 + $350
= $2250
<u>True</u>

35) $890 – $300 = <u>$590</u>.

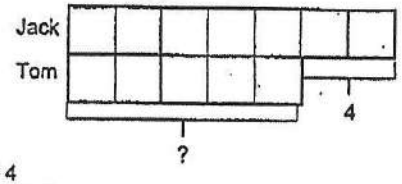
Section C

36)



3u = 510
1u = 510 ÷ 3

37)



2u = 4
1u = 4 ÷ 2
= 2
5u = 2 x 5
= <u>10</u>

38)
<u>Method 1</u>

1 x 20¢ = 20¢	1 x 50¢ = 50¢	Total	Check
10 x 20¢ = 200¢ =$2.00	10 x 50¢ = 500¢ = $5.00	$7.00	✗
11 x 20¢ = 220¢ =$2.20	9 x 50¢ = 450¢ = $4.50	$6.70	✗
12 x 20¢ = 240¢ = $2.40	8 x 50¢ = 400¢ = $4.00	$6.40	✓

38)
<u>Method 2</u>

Assumption method
Assume all coins are 50¢ coins.

Total value — 50¢ x 20 = $10

Difference — $10 - $6.40 = $3.60

Difference between one 50¢ and one 20¢ is 30¢

No. of 20¢ coins — 360 ÷ 30 = <u>12</u>

Or

Assumption method
Assume all coins are 20¢ coins.

Total value — 20¢ x 20 = $4

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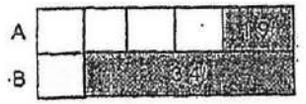
39)

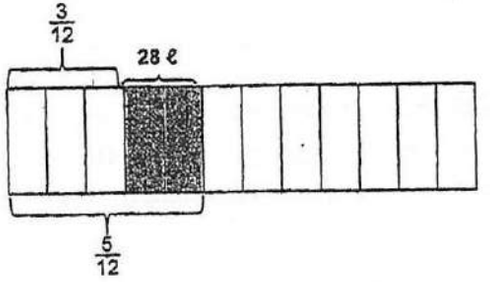


3 units — 3.4 ℓ - 1.9 ℓ = 1.5 ℓ
1 unit — 1.5 ℓ ÷ 3 = 0.5 ℓ
5 units — 0.5 ℓ x 5 = 2.5 ℓ
Volume of water in each tank — 2.5 ℓ + 3.4 ℓ + 1.9 ℓ = <u>7.8 ℓ</u>

40)

20 = 18 + 2
18 doughnuts — \$9 x 3 = \$27
Total amt — \$27 + \$4 = <u>\$31</u>

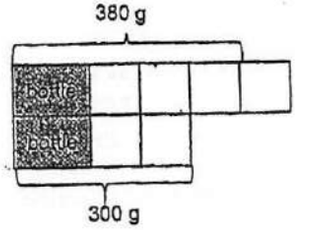
41)



$\frac{1}{4} = \frac{3}{12}$

5u – 3u = 2u
2u - 28 ℓ
1u - 28 ℓ ÷ 2 = 14 ℓ
7u - 14 ℓ x 7 = <u>98 ℓ</u>

42)



1u — 80 g
2u — 80 x 2 = 160 g
Mass of bottle — 300 – 160 = <u>140 g</u>

Or

1u — 80 g
3u — 80 g x 3 = 240 g

Mass of bottle — 380 – 240
= <u>140 g</u>

43a) Length of paper — 9 + 8 + 30
= <u>47 cm</u>

43b) Area of paper — 47 x 30
= <u>1410 cm²</u>

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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. The value of the digit 9 in 59 216 is _____

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

9000

2. 90 000 + 1000 + 700 + 4 = _____.

(1) 90 174
(2) 91 704
(3) 91 740
(4) 91 744

90000
1000
700
4
91704

3. Which of the following is a multiple of both 5 and 6?

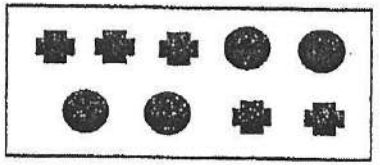
(1) 11
(2) 24
(3) 25
(4) 30

5, 10, 15, 20, 25, 30
6, 12, 18, 24, 30

4. Which of the following is not an equivalent fraction of $\frac{1}{4}$?

(1) $\frac{2}{8} = \frac{1}{4}$

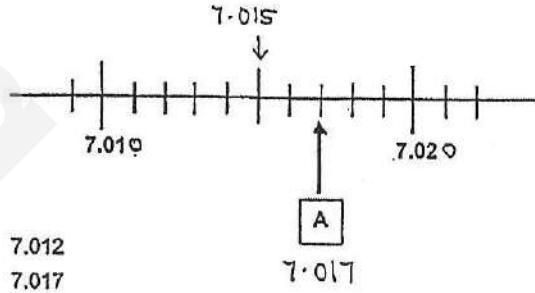
5. What fraction of the shapes in the box are ● ?



(1) $\frac{4}{9}$
(2) $\frac{4}{5}$
(3) $\frac{5}{9}$
(4) $\frac{5}{4}$

$\frac{4}{9}$

6. Which of the following decimals is represented by the letter A on the number line?



(1) 7.012
(2) 7.017
(3) 7.023
(4) 7.027

7·017

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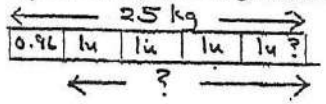
8. Mary bought a mug for $2.75 and a teapot for $19.90. She gave the cashier $50. How much change did she get?

$2.75 + 19.90 = $22.65

$50.00 − 22.65 = $27.35

(1) $22.65
(2) $22.70
(3) $27.30
(4) $27.35

9. Jane bought 25 kg of flour. She used 0.96 kg of it to make some cookies. She packed the remaining flour equally into 4 bags. What was the mass of flour in each bag?



25 − 0.96 = 24.04

4u — 24.04

1u — 24.04 ÷ 4 = 6.01 kg

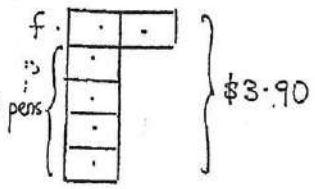
(1) 6.01 kg
(2) 6.1 kg
(3) 6.16 kg
(4) 6.61 kg

10. A file costs twice as much as a pen. Ava paid $3.90 for 1 file and 4 pens. How much did Ava pay for each pen?

6u — $3.90

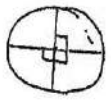
1u — $3.90 ÷ 6

= $0.65



(1) $0.65
(2) $0.78
(3) $1.30
(4) $2.60

11. A $\frac{3}{4}$ turn = ____°

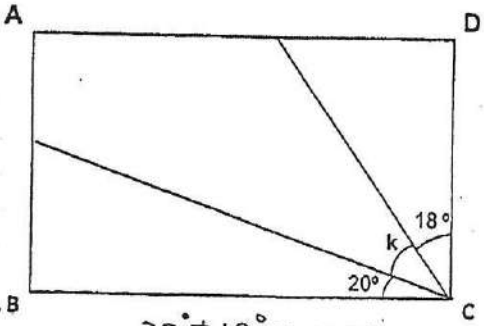


90° × 3

= 270°

(1) 120°
(2) 180°

12. The figure below is not drawn to scale. ABCD is a rectangle. Find



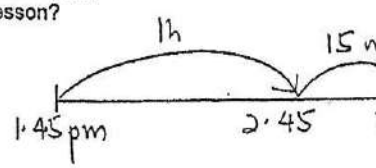
20° + 18° = 38°

∠k — 90° − 38°

= 52°

(1) 27°
(2) 52°
(3) 70°
(4) 72°

13. Lisa's ballet lesson started at 1.45 p.m.
Her ballet lesson ended at 3.15 p.m.
How long was her ballet lesson?



T — 1 h 30 min

(1) 1 h 30 min
(2) 2 h
(3) 3 h
(4) 2 h 30 min

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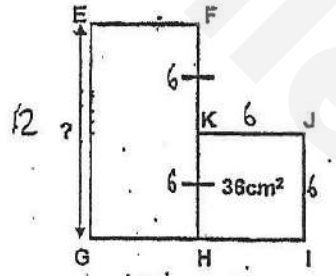
14. Figure below is made up of a rectangle EFHG and a square HIJK. FK = KH. Find the length of EG.



(1) 6 cm
(2) 9 cm
(3) 12 cm
(4) 16 cm

6 × 6 = 36
EG = 6 + 6
= 12cm

15. Choose the improper fraction to represent the shaded parts below.



(1) $\frac{13}{8}$

(2) $\frac{16}{8}$

(3) $\frac{19}{8}$

(4) $\frac{21}{8}$

$2\frac{5}{8}$
$= \frac{21}{8}$

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TAO NAN SCHOOL 道南学校

SINCERITY & PERSEVERANCE

2018 PRIMARY 4 SEMESTRAL ASSESSMENT 2

Name : _____ ( ) Date: 24 October 2018

Class : Primary 4 ( ) Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature : _____ Marks: _____ / 100

MATHEMATICS

PAPER 1

(Booklet A and Booklet B)

Time 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
Total for Paper 1	60

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Paper 1 Booklet A
Multiple Choice Questions
Questions **1** to **10** carry 2 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. (20 marks)

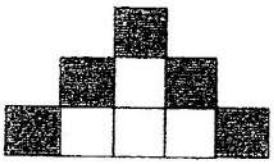
---

1. In which of the following numbers does the digit 8 stand for 800?

   (1) 2586
   (2) 5268
   (3) 6825
   (4) 8652

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

   (1) $\frac{5}{8}$
   (2) $\frac{4}{9}$
   (3) $\frac{4}{5}$
   (4) $\frac{5}{9}$



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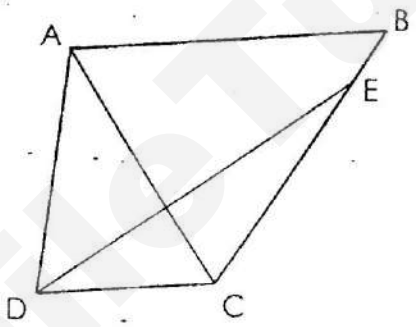
3. What is the number when 882.62 is rounded to 1 decimal place?

(1) 882.0
(2) 882.6
(3) 882.7
(4) 883.0

4. One of the lines in the figure is parallel to DC.
Which line is parallel to DC?



(1) AB
(2) DE
(3) AC
(4) DA

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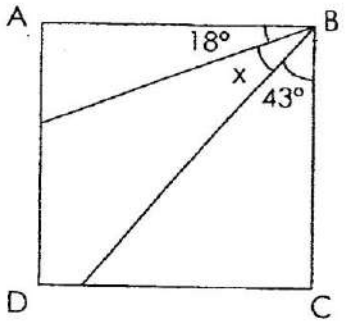
5. In the figure shown, ABCD is a square. Find $\angle x$.



(1) 29°

(2) 47°

(3) 61°

(4) 72°

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

$$\frac{1}{4}, \quad \frac{5}{6}, \quad \frac{7}{12}$$

	(greatest)		(smallest)
(1)	$\frac{5}{6}$,	$\frac{1}{4}$,	$\frac{7}{12}$
(2)	$\frac{7}{12}$,	$\frac{5}{6}$,	$\frac{1}{4}$
(3)	$\frac{1}{4}$,	$\frac{5}{6}$,	$\frac{7}{12}$
(4)	$\frac{5}{6}$,	$\frac{7}{12}$,	$\frac{1}{4}$

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7. Bala left school and took 40 min to walk home.
He reached home at 14 30. What time did he leave school?

(1) 15 10
(2) 14 50
(3) 14 00
(4) 13 50

8. Mr Chang sold 4 times as many curry puffs on Sunday than on Monday.
If he sold 1608 curry puffs on Sunday, how many curry puffs did he sell on Monday?

(1) 42
(2) 402
(3) 6402
(4) 6432

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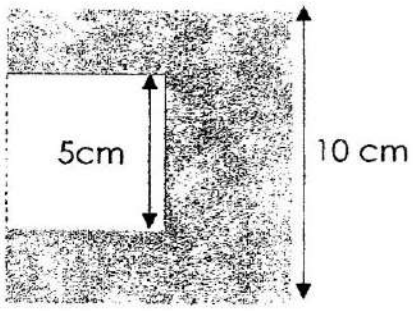
9. A small square of side 5 cm is cut out from a big square of side 10 cm as shown below. What is the perimeter of the shaded figure?



(1) 35 cm
(2) 45 cm
(3) 50 cm
(4) 75 cm

10. Jun Jie spent $\frac{3}{5}$ of his money and had \$210 left.

How much money did he have at first?

(1) \$70
(2) \$105
(3) \$350
(4) \$525

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Paper 1 (Booklet B)
Short Answer Questions

Questions 11 to 30 carry 2 marks each. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. (40 marks)

11. 49 703 = 40 000 + 9000 + _____ + 3

What is the missing number?

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

849 , 984 , 948 , 498

(greatest) , , , (smallest)

13. $\frac{3}{4} + \frac{1}{8} =$ _____

14. 8.7 - 0.89 = _____

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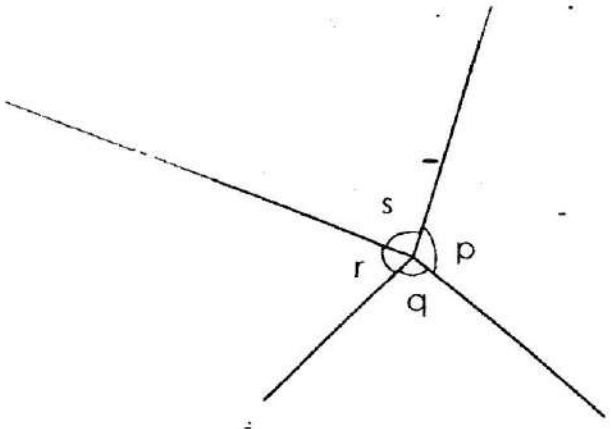
15. In the figure below, name the smallest angle.



∠

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

17. $\frac{3}{4} = \frac{9}{\square}$

What is the missing number in the $\square$ above ?

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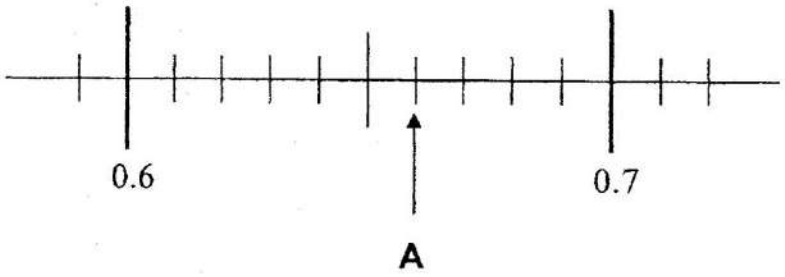
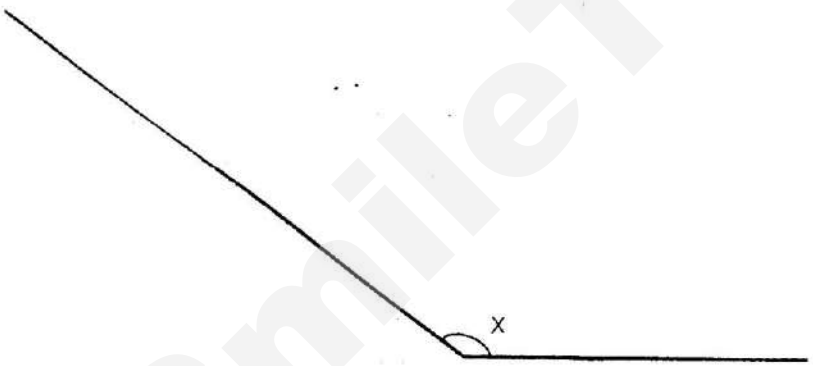
18. Write the decimal represented by A.



19. Measure and write down the size of ∠ x.



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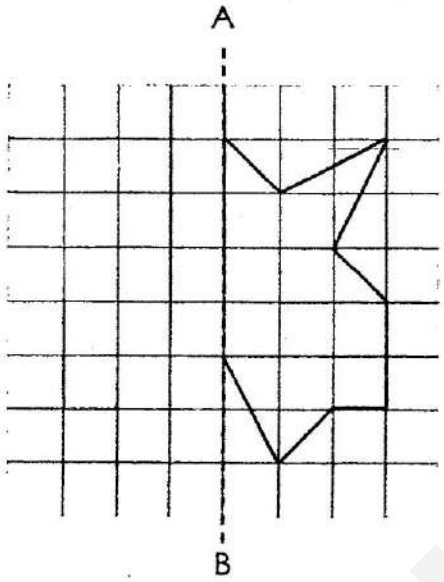
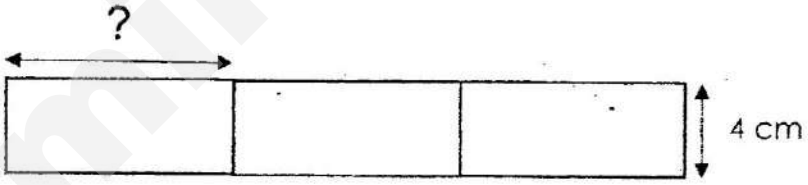
20. Complete the figure using Line AB as the line of symmetry.



21. The figure is made up of 3 identical rectangles.
The total area is 108 cm².
Find the length of one rectangle.





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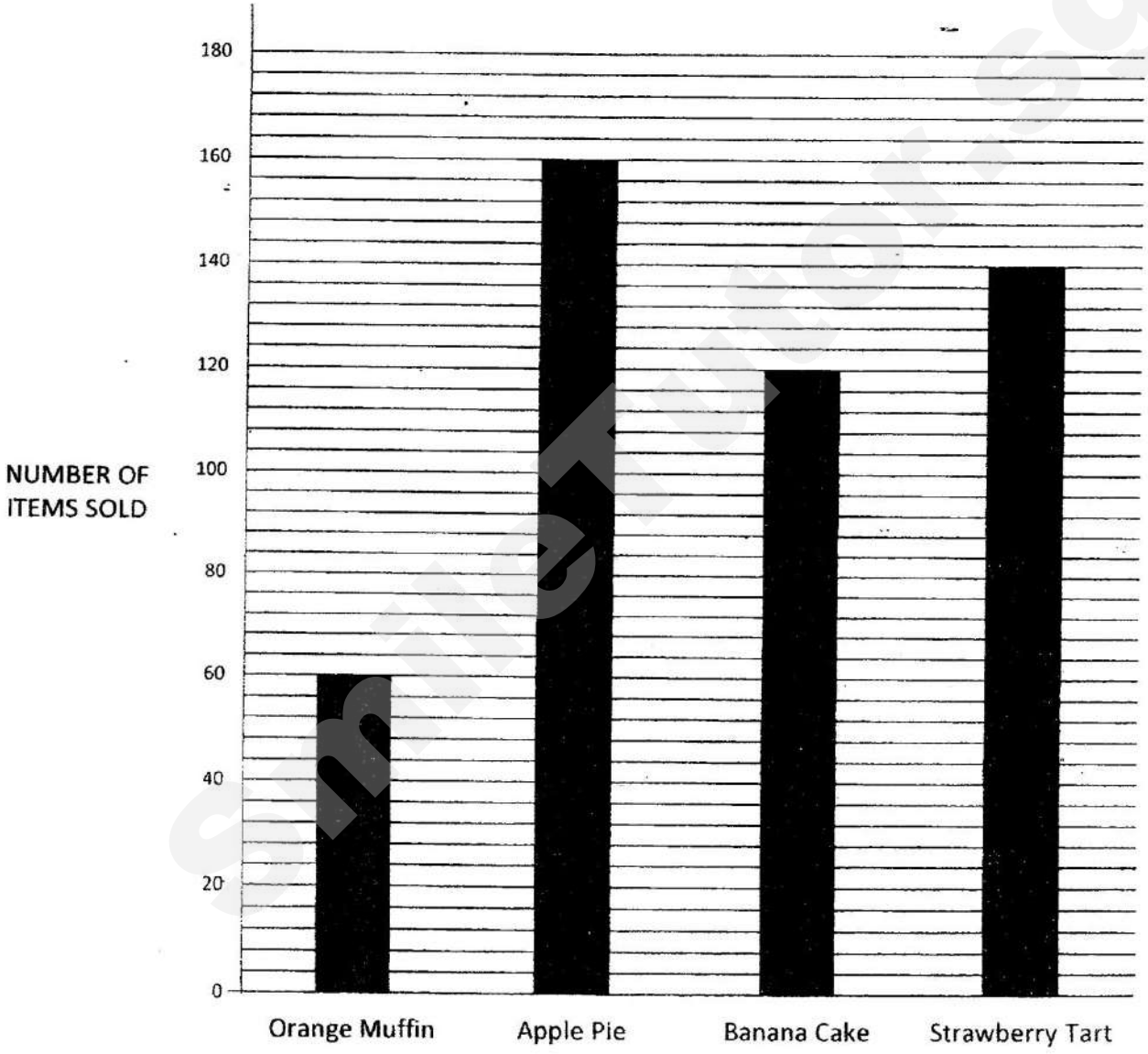
Use the bar graph below to answer **questions 22 to 24**.

The bar graph shows the number of items sold at a bakery last week.



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22. Which was the most popular item sold at the bakery?

23. A total of _____ banana cakes and orange muffins was sold.

24. How many fewer strawberry tarts than apple pies were sold?

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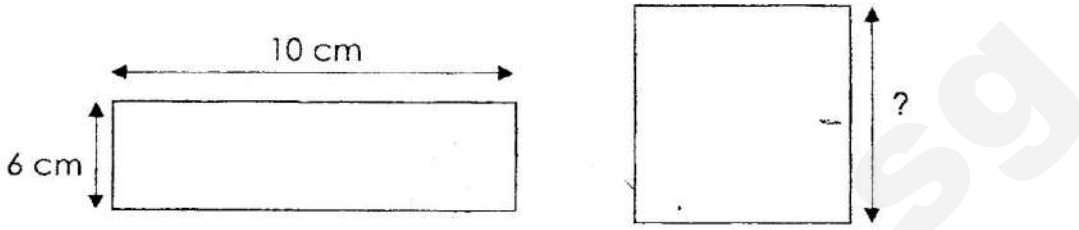
25. The square has the same perimeter as the rectangle.
What is the length of the square?



cm

26. A bus captain drives 5.33 km a day.
What is the total distance he travels in 6 days?
Correct your answer to 1 decimal place.

km

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27. Jane bought 7 cupcakes. She gave the cashier $15 and received a two-dollar note, 4 twenty-cent coins and 2 fifty-cent coins as change. How much did each cupcake cost?

$

28. The sum of two numbers is 2071. The difference between them is 385 Find the greater number.

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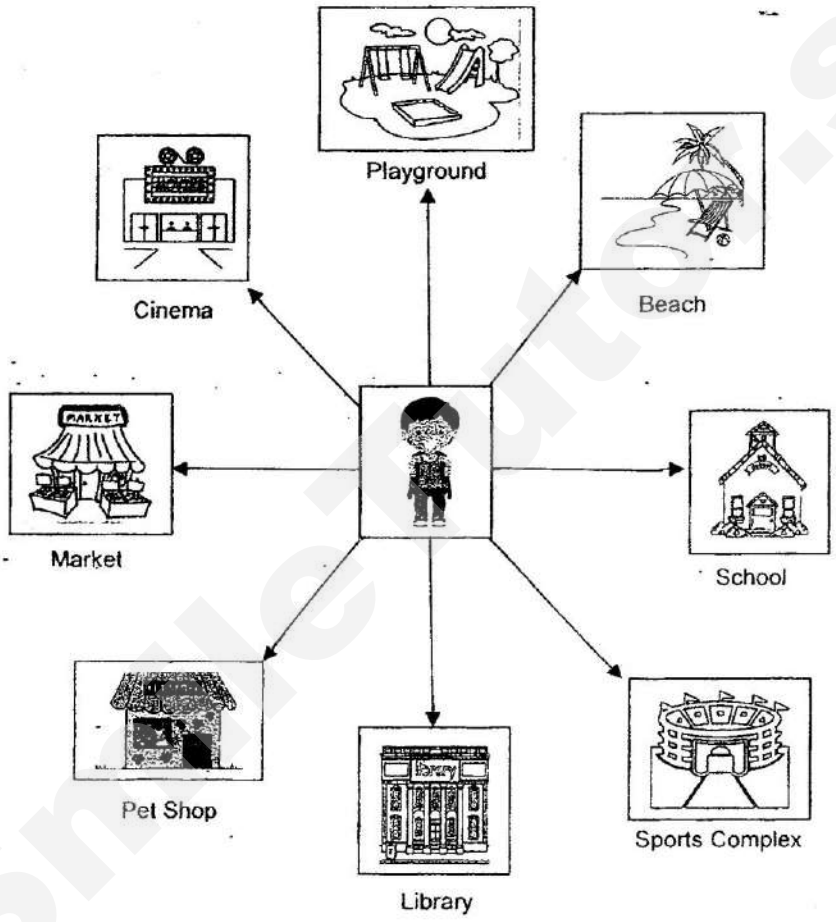
29. John is facing the library. He makes a 270° clockwise turn.

Then he makes a $\frac{1}{2}$-turn in an anti-clockwise direction.

Which place is he facing now?



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30. Mr Bala packed 3.5 kg of nuts into 1 big bag and 4 small bags. The big bag contained 0.9 kg of nuts. How many grams of nuts did each small bag contain?

g

End of Paper 1

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2018 PRIMARY 4 SEMESTRAL ASSESSMENT 2

Name: _____ ( ) Date: 24 October 2018

Class: Primary 4 (. Time: 11 a.m. – 12 p.m.

Parent's Signature: _____

MATHEMATICS

PAPER 2

/ 40

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Show your working clearly as marks are awarded for correct working.
6. The duration for Paper 2 is 1 hour.

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Questions 1 to 10 carry 4 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

---

1. Mr Goh bought a watermelon and 6 mangoes for $39.50.

   A watermelon cost $1.35 more than a mango.

   How much did a mango cost?

   A mango cost _____

   Ans: _____ (4)

---

2. A tank has a capacity of 6 litres. A bucket can hold 1 ℓ 25 $m\ell$ of water. Madam Aisha pours 4 such buckets of water into the tank. How many more litres of water are needed to fill the tank?

   _____ more water are needed to fill the tank.

   Ans: _____ (4)

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3. Four identical squares of length 6 m overlap each other as shown. Each side of the square crosses another at the centre of the side of the square.

a) Find the area of the figure.

b) Find the perimeter of the figure?



(a) The area is _____

(b) The perimeter is _____

Ans: a) _____ (2)

b) _____ (2)

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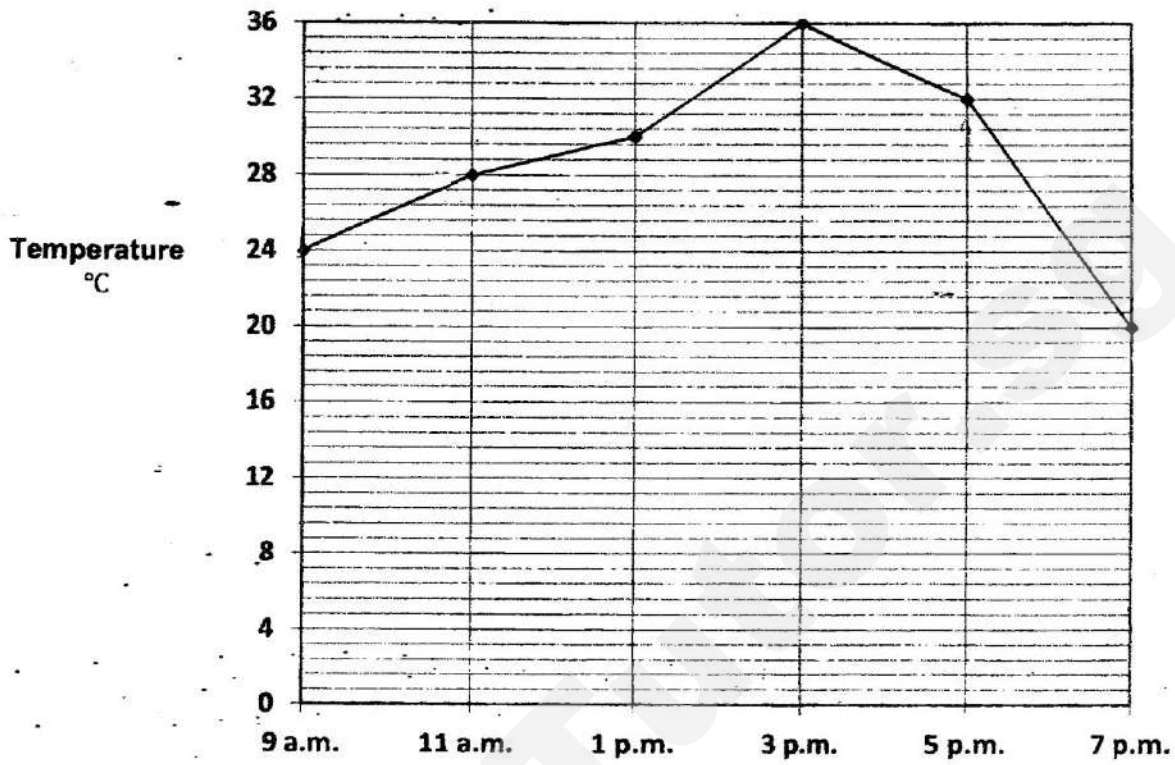
4. The line graph shows the change in temperature between 9 a.m. and 7 p.m.



a) What was the temperature recorded at 5 p.m.?

Ans: a) _____ (1)

b) During which 2-hour period was the increase in temperature the greatest?

Ans: b) _____ (1)

c) What was the difference between the lowest temperature and the highest temperature recorded?

Ans: c) _____ (2)

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5. Karen had $50. She bought 6 pens at $1.85 each.
After buying 2 identical files, she had $21 left.

a) How much did Karen pay for 6 pens?

b) How much did each file cost?

(a) Karen paid _____ for 6 pens.

(b) Each file cost _____.

Ans: a) _____ (1)

b) _____ (3)

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6. Mr Lim is 34 years old and his son is 2 years old.
In how many years' time will their ages add up to 50 years?

Their ages will add up to 50 years in _____ years' time.

Ans: _____ (4)

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7. Mrs Zara baked 2000 cookies.

She packed them into packets of 2 cookies and 6 cookies.

There was an equal number of packets of 2 cookies and 6 cookies.

How many packets of cookies did she pack altogether?

She packed _____ packets altogether.

Ans: _____ (4)

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8. There were some buttons in a box.

$\frac{2}{3}$ of the buttons were yellow, $\frac{1}{8}$ of the them were red and the rest were blue.

There were 18 more blue buttons than red buttons.

a) What fraction of the buttons were blue?

b) How many buttons were in the box?

(a) _____ of the buttons were blue.

(b) There were _____ buttons in the box.

Ans: a) _____ (1)

b) _____ (3)

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9. Lucas had some cards.

If he gave 7 cards to each of his friends, he would be short of 4 cards.

If he gave 6 cards to each of them, he would have 3 cards left.

a) How many cards did Lucas have?

b) How many friends did Lucas give the cards to?

(a) He had _____ cards.

(b) He gave the cards to _____ friends.

Ans: a) _____ (2)

b) _____ (2)

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10. Study the pattern below.

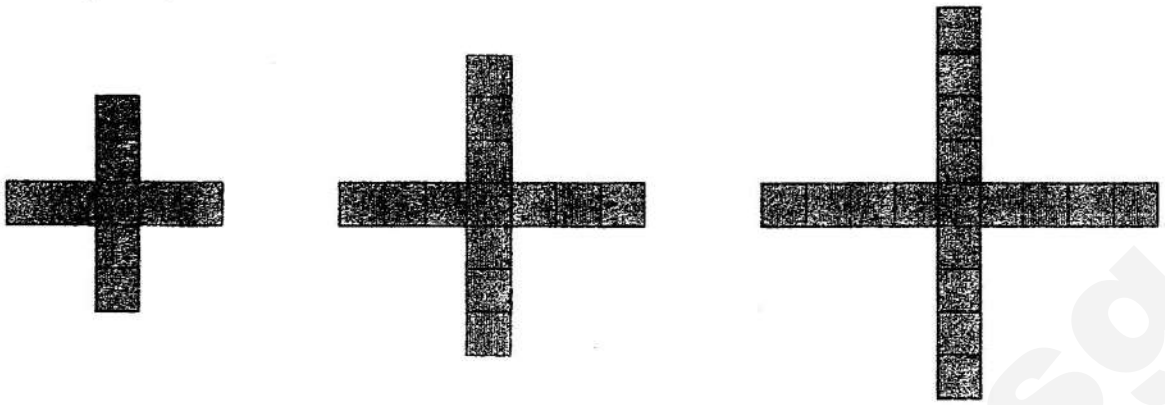
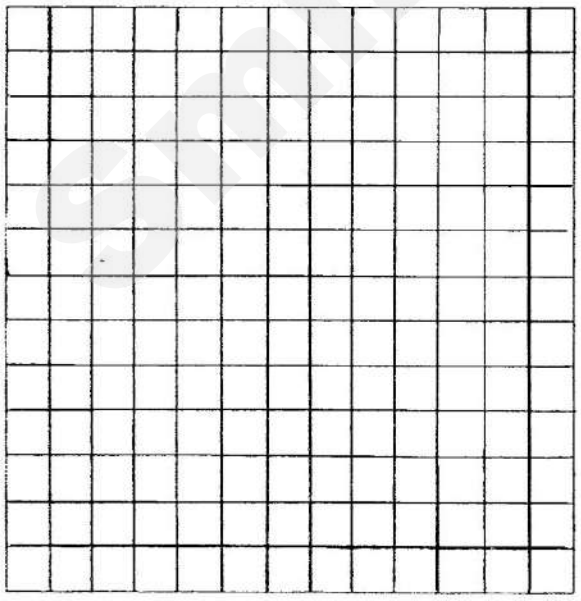


Figure 1 **Figure 2** **Figure 3**

(a) Complete the table.

Figure	**1**	**2**	**3**
Number of Squares	9		

(b) Draw and colour **Figure 4** in the square grid below.



(c) Which figure has 93 squares?

Ans: **Figure** _____ (2)

End of Paper 2

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ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : TAO NAN SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2
PAPER 1
BOOKLET A

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

BOOKLET B

Q11) 700

Q12) 984 , 948 , 849 , 498

Q13) $\frac{7}{8}$

Q14) 7.81

Q15) ∠r

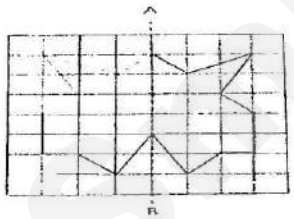
Q16) 8 and 16

Q17) 12

Q18) 0.66

Q19) 143°

Q20)



Q21) (9cm)
108÷ 4 = 27
27÷ 3 = 9

Q22) Apple pie

Q23) (180)
120+60=180

Q24) (20)
160 – 140 =20

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Q25) (8cm).
Perimeter=6+6+10+10=32
Length of square=32÷ 4 = 8

Q26) (32.0km)
5.33×6 = 31.98 ≈32.0

Q27) ($1.60)
Change received = 4(0.20)+2(0.50)+2.00=3.80
Total Cost = 15.80 – 3.80 = 11.20
Cost of 1 cupcake = 11.20 ÷ 7 = 1.60

Q28) (1228)
2071+385=2456
2456÷ 2 = 1228

Q29) Market

Q30) (650g)
Total mass of small bag=3.5 – 0.9 = 2.6
Mass of 1 small bag = 2.6 ÷ 4 = 0.65 kg = 650g

PAPER 2
Q1) ($5.45)
39.50 – 1.35 = 38.15
38.15 ÷ 7 = 5.45

Q2) (1.9 ℓ)
1 ℓ 25 ml × 4 = 4 ℓ 100 ml
6 ℓ − 4 ℓ 100ml = 1 ℓ 900 ml = 1.9ℓ

Q3)a) (117m^2)
Area of 1 square= 6 × 6 = 36
Area of figure = $\frac{13}{4}$ × 36 = 117
b) (60m)
Perimeter= 6 × 10 = 60

Q4)a) 32°C
b) 1p.m. to 3p.m.
c) 16°C

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Q5)a) ($11.10)

$1.85 \times 6 = 11.10$

b) ($8.95)

$50 - 11.10 - 21 = 17.90$

$17.90 \div 2 = 8.95$

Q6) (7)

$50 - 34 - 2 = 14$

$14 \div 2 = 7$

Q7) (500)

$2000 \div 8 = 250$

$250 \times 2 = 500$

Q8)a) ($\frac{5}{24}$)

$1 - \frac{2}{3} - \frac{1}{8} = \frac{5}{24}$

b) (216)

$\frac{5}{24} - \frac{1}{8} = \frac{2}{24}$

$18 \div 2 = 9$

$24 \times 9 = 216$

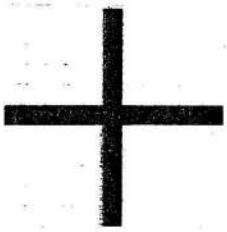
Q9)a) (45)

multiple of 7	7	14	21	28	35	42	49
- 4	3	10	18	24	31	38	45(✓)
multiple of 6	6	12	18	24	30	36	42
+3	9	15	21	27	33	39	45 (✓)

b) $49 \div 7 = 7$

Q10a)

Figure	1	2	3
Number of squares	9	13	17



b)

c) Figure 22 ($93 \div 4 - 1 = 22$)

END

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