23

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

END-OF-YEAR EXAMINATION 2019
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: 24 October 2019

This booklet consists of 8 printed pages including this page

Section A: MCQ (36 marks)

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

1. In the number 42 130, which digit is in the thousands place?

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

2. Which of the following numbers when rounded to the nearest hundred becomes 54 600?

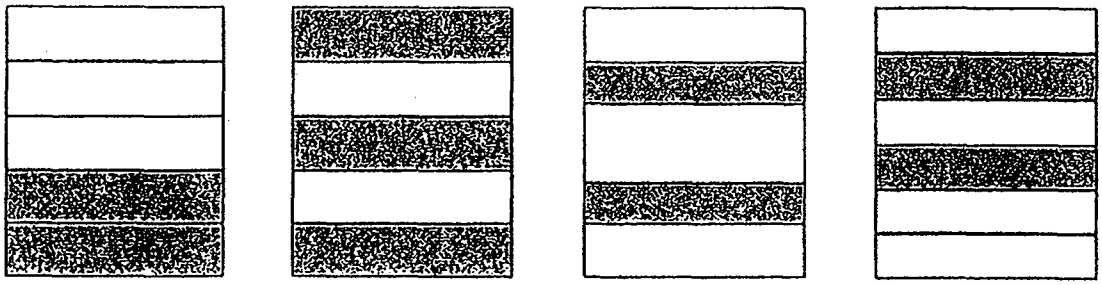
   (1) 54 544
   (2) 54 547
   (3) 54 557
   (4) 54 660

3. In which of the following numbers does the digit 6 stand for 6 tenths?

   (1) 12.06
   (2) 15.67
   (3) 36.21
   (4) 60.34

(Go on to the next page)

4. Which one of the following has $\frac{2}{5}$ of the figure shaded?



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

5. Write $2\frac{7}{25}$ as a decimal.

(1) 2.25
(2) 2.28
(3) 2.7
(4) 2.725

6. What is the number when 721.54 is rounded to 1 decimal place?

(1) 722.0
(2) 721.6
(3) 721.5
(4) 721.0

7. Express $\frac{13}{8}$ as a mixed number.

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

(2) $1\frac{5}{8}$

(3) $1\frac{5}{13}$

(4) $1\frac{8}{13}$

(Go on to the next page)

8. John wrote a whole number on a piece of paper.
The number is a multiple of 4 and a factor of 16.
It is greater than 4 and smaller than 20.
What is this number?

(1) 8
(2) 10
(3) 12
(4) 18

9. The mass of a box of chocolate is 280g.
What is the total mass of 24 identical boxes of chocolates?

(1) 1 680
(2) 5 420
(3) 6 520
(4) 6 720

10. The sum of two numbers is 27.06.
The greater number is twice the smaller number.
What is the greater number?

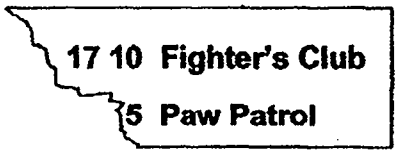
(1) 9.02
(2) 13.53
(3) 18.04
(4) 18.4

(Go on to the next page)

11. Find the difference between 17.09 and 42.3.

(1) 35.39
(2) 25.39
(3) 25.21
(4) 24.4

12. Below is a portion of a TV programme torn from a magazine.

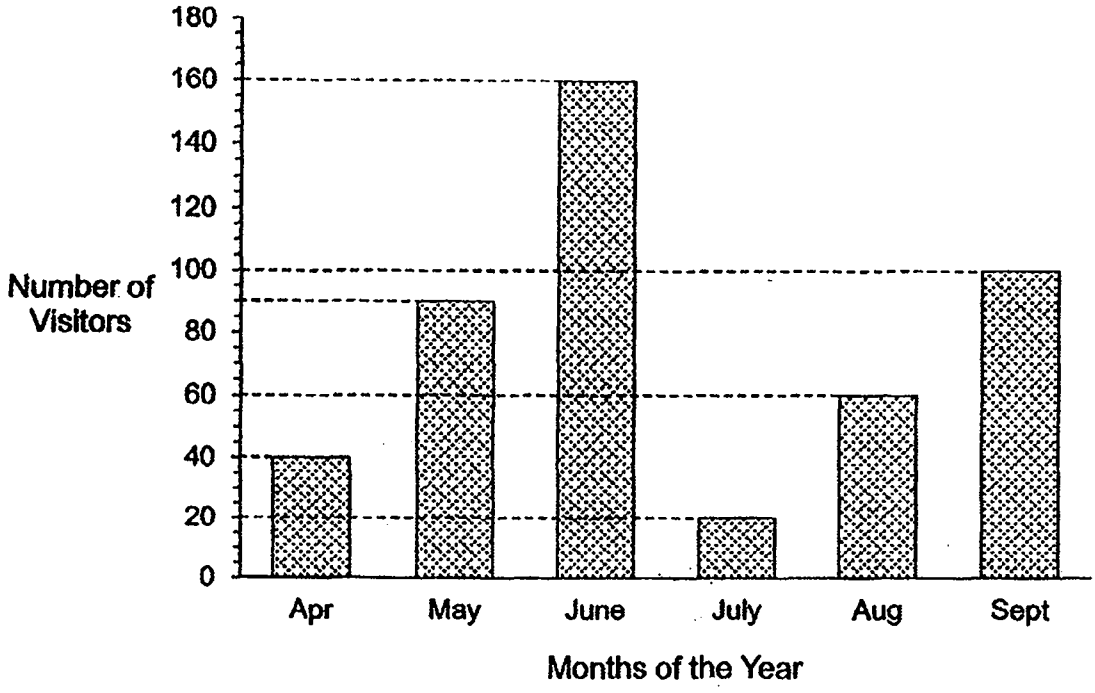


Fighter's Club lasted 1 h 55 min. What time did Paw Patrol start?

(1) 19 05
(2) 18 55
(3) 18 05
(4) 15 15

(Go on to the next page)

The graph below shows the number of visitors to Ostrich Farm.
Use the information and answer questions 13 and 14.



13. Which month has three times the number of visitors in July?

(1) May
(2) April
(3) August
(4) September

14. Which two-month interval has the greatest **increase** in the number of visitors?

(1) May to June
(2) June to July
(3) July to August
(4) August to September

(Go on to the next page)

15. The difference in length between 2 strings is $\frac{1}{5}$ m.

The shorter string is $\frac{2}{3}$ m.

What is the length of the longer string?

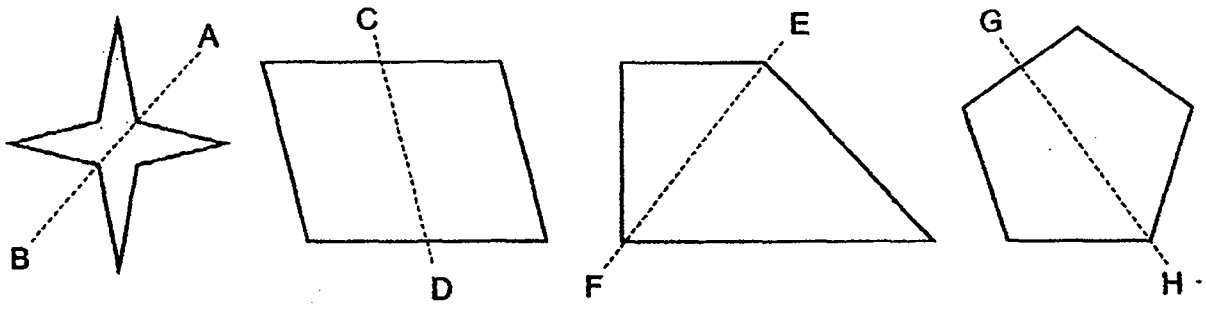
(1) $\frac{3}{8}$ m

(2) $\frac{7}{15}$ m

(3) $\frac{9}{15}$ m

(4) $\frac{13}{15}$ m

16. Which one of the following lines is a line of symmetry to its figure?



(1) AB

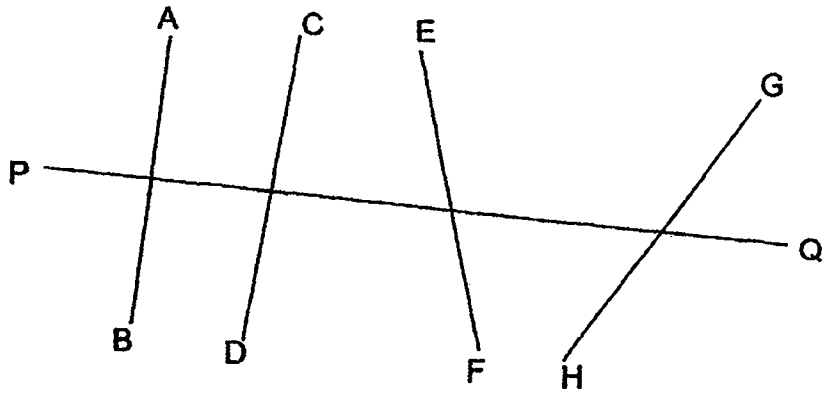
(2) CD

(3) EF

(4) GH

(Go on to the next page)

17. Which one of the following pairs of lines is perpendicular to each other?



(1) AB ⊥ PQ

(2) AB ⊥ CD

(3) EF ⊥ PQ

(4) GH ⊥ CD

18. Siti started jogging around the stadium at 17 10.
Mary started jogging 15 minutes earlier than Siti.
They both stopped jogging at 18 45. How long did Mary jog?

(1) 3 h 25 min

(2) 1 h 50 min

(3) 1 h 35 min

(4) 1 h 20 min

End of Booklet A

METHODIST GIRLS' SCHOOL (PRIMARY)

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END-OF-YEAR EXAMINATION 2019
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: 24 October 2019

BOOKLET A	36
BOOKLET B	36
BOOKLET C	28
TOTAL	100
Parent's signature	

This booklet consists of 8 printed pages including this page.

Section B: (36 marks)

Questions 19 to 36 carry 2 marks each.
Write out the correct answers for the following questions in the space provided.
Show your working clearly and give your answers in the units provided.

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

3 759, 3 809, 3 859, _____, 3 959

Ans : _____

20. Two factors of 27 are 1 and 27.

What are the other two factors of 27?

Ans : _____ and _____

21. What is the remainder when 2 014 is divided by 7?

Ans : _____

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

$\frac{3}{7}$, $\frac{4}{8}$, $\frac{5}{9}$, $\frac{6}{11}$

Ans : _____ and _____

(Go on to the next page)

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

Ans : _____

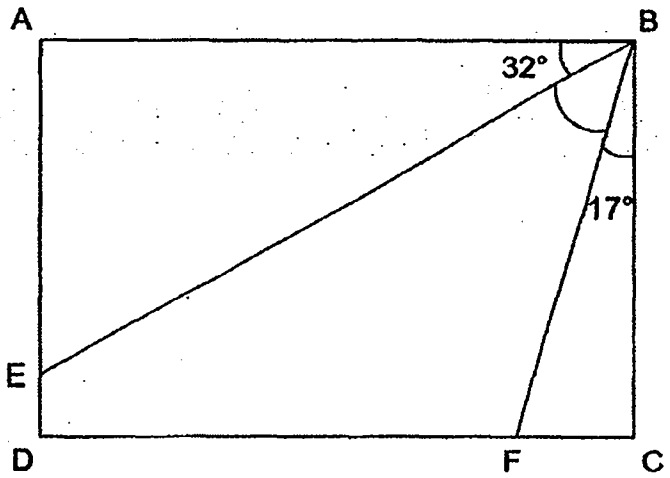
24. $8.4 - 0.93 =$ _____

Ans : _____

25. $6.08 \times 7 =$ _____

Ans : _____

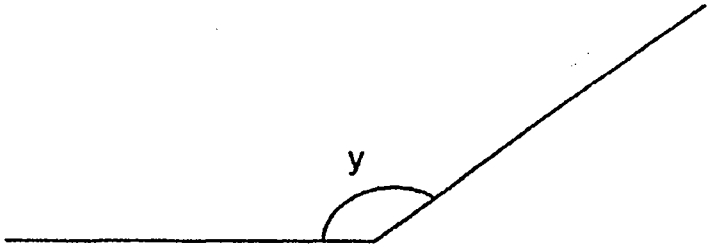
26. In the figure shown, ABCD is a rectangle. Find $\angle EBF$.



Ans : _____ °

(Go on to the next page)

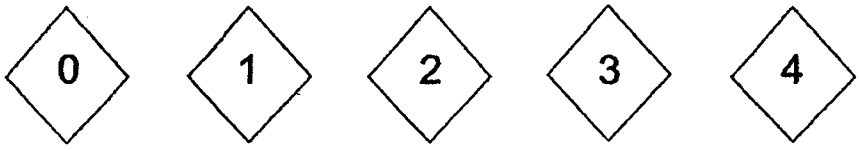
27. Measure and write down the size of ∠y.



Ans : _____ °

28. Read the clues and use the digits below to form the **smallest possible 4-digit** odd number.

The digit in the tens place is twice the digit in the ones place.
The digit in the hundreds place is 1 less than the digit in the ones place.
Each digit can be used **only once**.



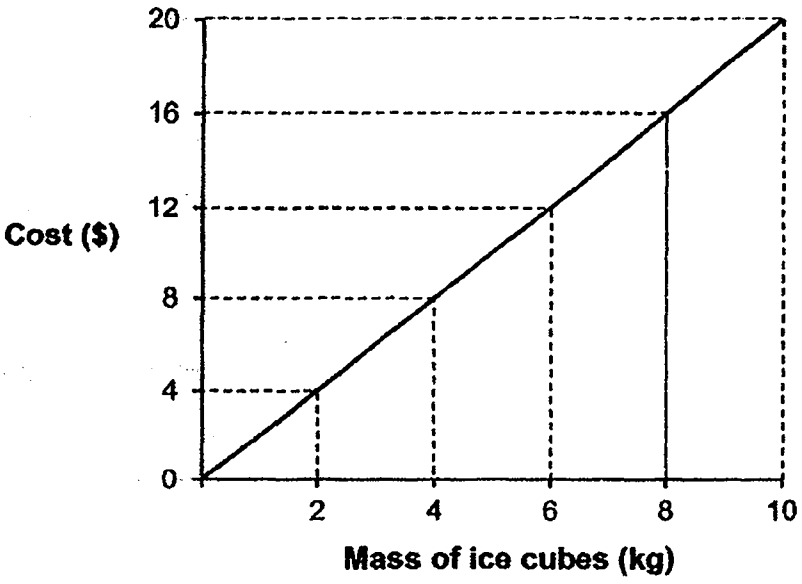
Ans : _____

29. There are 36 girls in the class. $\frac{4}{9}$ of them wear spectacles.
How many girls in the class **do not** wear spectacles?

Ans : _____

(Go on to the next page)

Study the graph carefully and answer questions 30 and 31.
The graph below shows the cost of ice cubes per kilogram.



30. Sarah paid $12 for ice cubes while Cindy paid $20. How many more kilograms of ice did Cindy pay for?

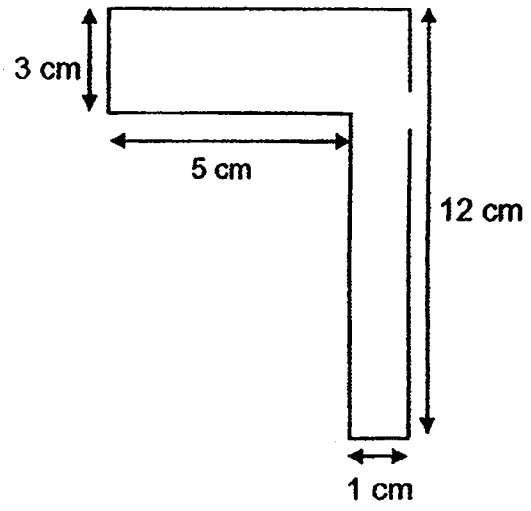
Ans : _____ kg

31. Mr Lim bought 8 kg of ice and paid with a $50 note. How much change did he receive?

Ans : $ _____

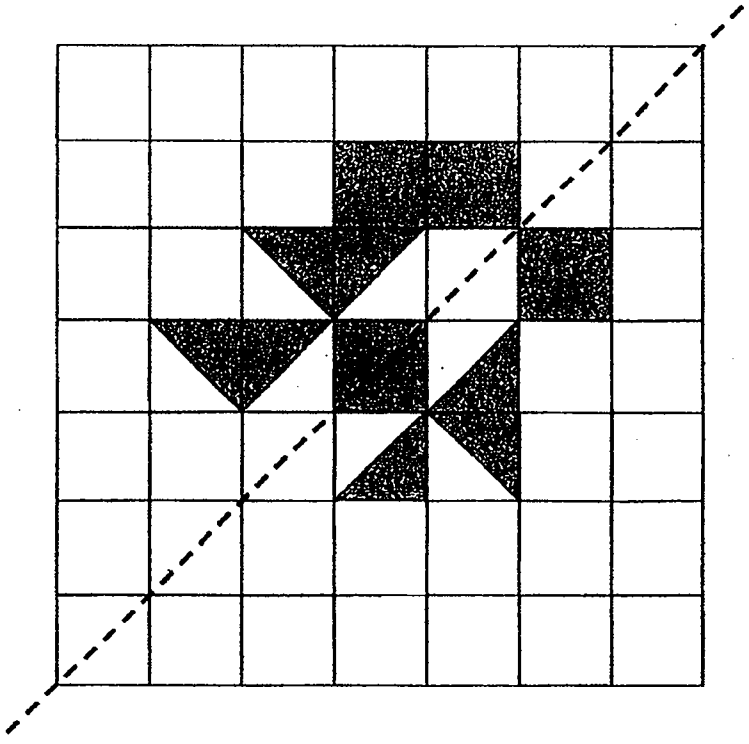
(Go on to the next page)

32. In the figure, all the lines meet at right angles.
Find the area of the figure.



Ans : _____ cm^2

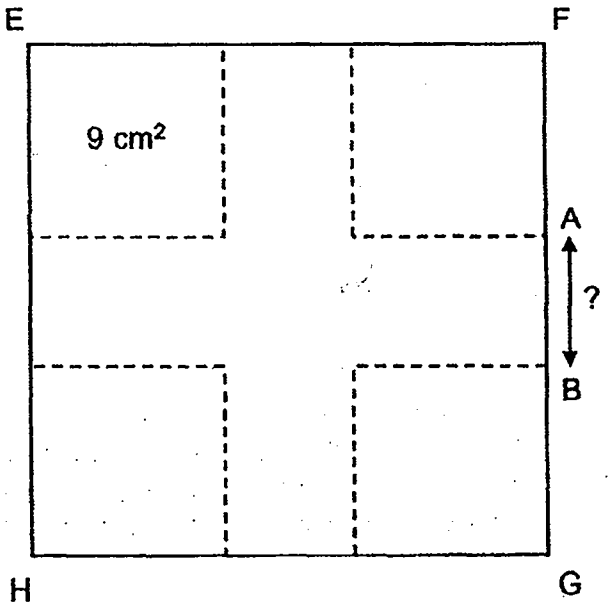
33. **Complete** the symmetrical figure below by **shading 1 triangle and 1 square** to make it symmetrical with the dotted line as the line of symmetry.



34. A train took 5 h 35 min to travel from Town A to Town B.
It reached Town B at 04 15.
What time did the train leave Town A? (Give your answer using 24-hour clock)

Ans : _____

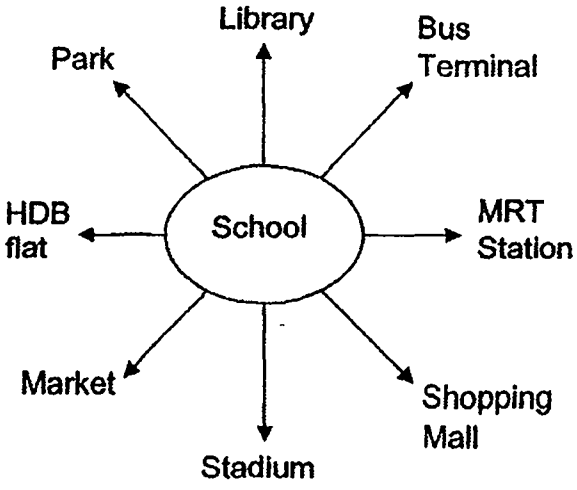
35. The area of square EFGH is 64 cm^2. John cuts away 4 identical small squares from its corners. The area of each small square is 9 cm^2. What is the length of AB?



Ans : _____ cm

(Go on to the next page)

36. Use the information below to answer questions 36a and 36b.



(a) Alice came out of her school. She made a $\frac{1}{4}$ - turn to her right to face the bus terminal. In which direction was she facing at the beginning?

Ans : _____

(b) Gopal came out of his school facing the MRT station. He changed his mind and decided to take the bus instead.
What was the angle he had to turn **anti-clockwise** in order to go to the bus terminal?

Ans : _____ °

End of Booklet B

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

END-OF-YEAR EXAMINATION 2019
PRIMARY 4
MATHEMATICS

(BOOKLET C)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

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

Name: _____ ( )

Class: Primary 4._____

Date: 24 October 2019

/28

This booklet consists of 9 printed pages including this page.

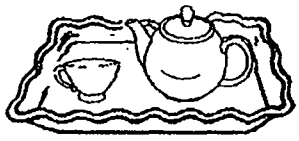
Section C: (28 marks)

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.

Do not write anything in this margin.

37. A teapot has a mass of $\frac{5}{12}$ kg. A teacup has a mass of $\frac{1}{6}$ kg.

The total mass of a tray with the teapot and teacup is 2 kg.



(a) What is the total mass of the teapot and teacup?

(b) What is the mass of the tray?

Ans : (a) _____ [1]

(b) _____ [2]

(Go on to the next page)

38. There are some red and green apples in a basket.

$\frac{2}{7}$ of the apples are green.

The difference between the number of green and red apples is 243.

How many apples are there in the basket?

Do not write anything in this margin.

Ans : _____ [3]

(Go on to the next page)

39. The total amount of water in Jugs A, B, C and D was 13.4l.
Jug A was filled with 1.5l more water than Jug B.
Jug B and C had the same amount of water.
Jug C had twice as much water as Jug D.
How much water was there in Jug D?

Do not write anything in thi margin.

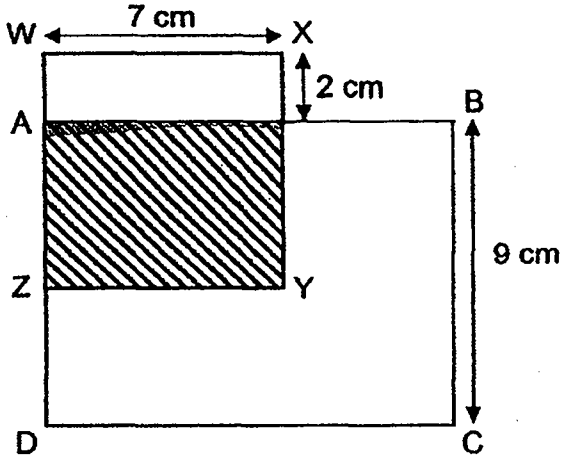
Ans : _____ [3]

(Go on to the next page)

40. The figure below shows square WXYZ overlapping rectangle ABCD. The area of rectangle ABCD is 108 cm².

(a) What is the length of AB?

(b) What is the area of the shaded part?



Do not write anything in this margin.

Ans : (a) _____ [2]

(b) _____ [2]

(Go on to the next page)

41. The table below shows the different pricing at ABC Cinema.

Do not write anything in this margin.

Item	Cost
Ultimate Movie Package • movie ticket • 1 cup of drink • 1 box of popcorn	$12.80
Price of 1 ticket	$ 9.50

Mr Tan went to watch the movie with his 3 children. He bought 1 ultimate movie package and 3 tickets. How much did Mr Tan pay altogether?

Ans : _____ [4]

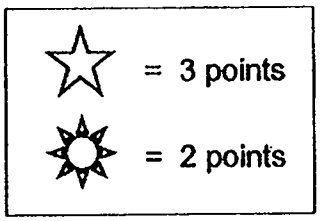
42. Raju threw some darts.

For every star he hit, he scored 3 points.

For every sun he hit, he scored 2 points.

He had 30 hits and scored 72 points.

How many stars did he hit?



Do not write anything in this margin

Ans : _____ [3]

(Go on to the next page)

43. Judy has 4 bags and 5 containers.
Each container can hold 6 more marbles than a bag.
Judy has a total of 165 marbles.
How many marbles are there in each bag?

Do not write anything in this margin.

Ans : _____ [4]

(Go on to the next page)

Do not write anything in this margin.

44. Box A had 5 times as many sweets as Box B at first.
Meili took some sweets from Box A and put them into box B so that both boxes would have equal number of sweets.
Box B had 270 sweets in the end.

(a) How many sweets were there in Box B at first?

(b) How many sweets did Meili take from Box A to put into Box B?

Ans : (a) _____ [2]

(b) _____ [2]

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SCHOOL : MGS PRIMARY SCHOOL

LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2019 SA2

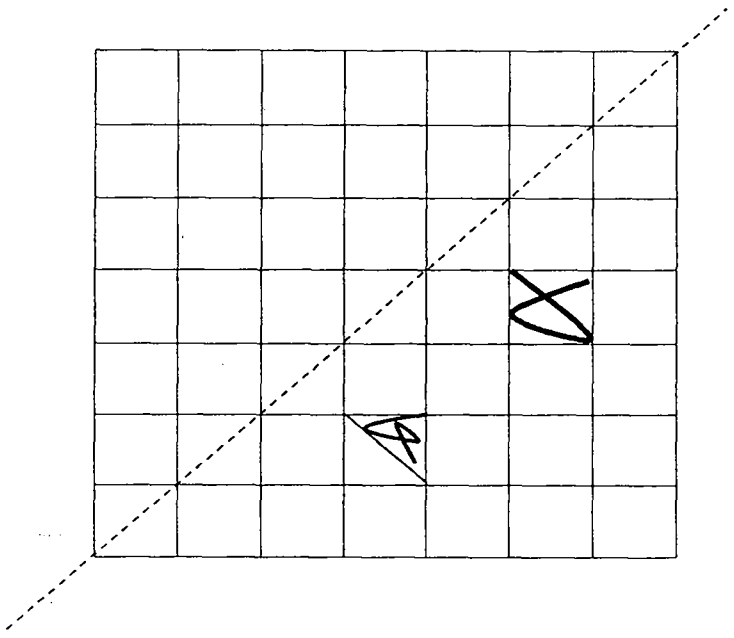
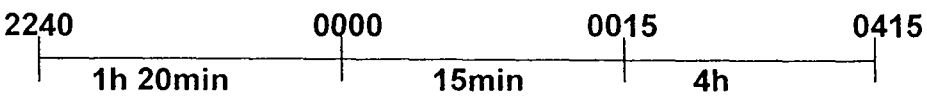
BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	2	1	2	3	2	1	4	3
Q 11	Q12	Q13	Q14	Q15	Q16	Q17	Q18		
3	1	3	1	4	4	1	2		

BOOKLET B

Q19)	3759 + 50 = 3809 3809 + 50 = 3859 3859 + 50 = 3909
Q20)	3 and 9
Q21)	2014 ÷ 7 = 287 R 5
Q22)	$\frac{5}{9}$ and $\frac{6}{11}$
Q23)	$1 - \frac{1}{8} = \frac{8}{8} - \frac{1}{8} = \frac{7}{8}$ $\frac{7}{8} - \frac{1\times2}{4\times2} = \frac{7}{8} - \frac{2}{8}$ $= \frac{5}{8}$

Q24)	8.4 – 0.93 = 7.47
Q25)	6.08 x 7 = 42.56
Q26)	17° + 32° = 49° 90° – 49° = 41° 32° + 17° = 49° 90° – 49° = 41°
Q27)	145°
Q28)	3021
Q29)	9units = 36 1unit = 36 ÷ 9 = 4 $\frac{9}{9} - \frac{4}{9} = \frac{5}{9}$ 5units = 5 x 4 = 20
Q30)	Sarah = 6kg Cindy = 10kg Diff = 10kg – 6kg = 4kg
Q31)	$50 – $16 = $34
Q32)	5 cm + 1cm = 6cm A = 6cm x 3cm = 18cm² 12cm – 3cm = 9cm B = 9cm x 1cm = 9cm² 9cm² + 18cm² = 27cm²

Q33)	
Q34)	 ANS: 2240
Q35)	3cm x 3cm = 9cm² 8cm x 8cm = 64cm² 3cm + 3cm = 6cm 8cm – 6cm = 2cm
Q36)	a)North-West b)45°
Q37)	a)$\frac{5}{12} + \frac{1}{6} = \frac{5}{12} + \frac{12}{12} = \frac{7}{12}$ kg b)$2 - \frac{7}{12} = 1\frac{12}{12} - \frac{7}{12} = 1\frac{5}{12}$ kg

Q38)	3units = 243 1unit = 243 ÷ 3 = 81 7units = 81 x 7 = 567
Q39)	7units = 13.4 L – 1.5 L = 11.9L 1unit = 11.9L ÷ 7 = 1.7L
Q40)	a)Length of AB = 108cm² ÷ 9cm = 12cm b)7cm – 2cm = 5cm Area of shaded part = 5cm x 7cm = 35cm²
Q41)	3 Ticket = $9.50 x 3 = $28.50 $28.50 + $12.80 = $41.30
Q42)	12
Q43)	6 x 5 = 30 9units = 165 – 30 = 135 1unit = 135 ÷ 9 = 15
Q44)	a)3unit = 270 1unit = 270 ÷ 3 = 90 b)2unit = 90 x 2 = 180