Maha Bodhi School
2019 Semestral Assessment 2
Primary 4
Mathematics
Booklet A

Name : _____ ( )

Class : Primary 4 _____

Date : 30 October 2019

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

INSTRUCTIONS TO CANDIDATES:

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

This booklet consists of 12 printed pages.

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Section A (40 marks)

Questions **1** to **20** carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.
All diagrams are not drawn to scale.

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1. In which of the following numbers does the digit 7 stand for 7000?

   (1) 8721

   (2) 7281

   (3) 1278

   (4) 2817

2. Which of the following numbers when rounded to the nearest ten becomes 32 900?

   (1) 32 843

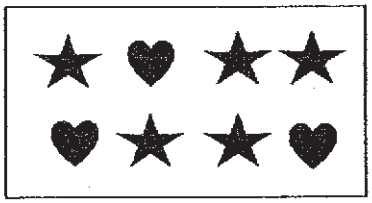
   (2) 32 898

   (3) 32 905

   (4) 32 951

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3. What fraction of the shapes in the box are ♥ ?



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

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

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

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

4. Which of the following fractions is in its simplest form?

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

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

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

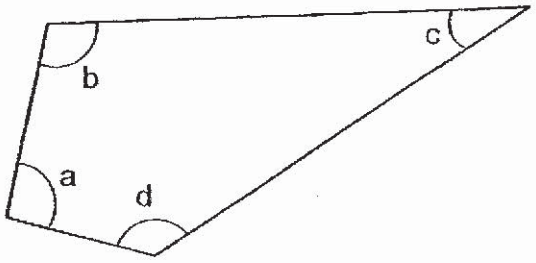
(4) $\frac{3}{9}$

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5. Write $4\frac{3}{20}$ as a decimal.

(1) 4.23
(2) 4.3
(3) 4.015
(4) 4.15

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

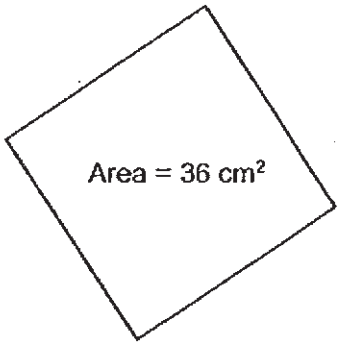


(1) ∠a
(2) ∠b
(3) ∠c
(4) ∠d

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7. The figure below is a square with an area of 36 cm^2.

What is the length of one side of the square?



(1) 6 cm

(2) 9 cm

(3) 12 cm

(4) 18 cm

8. Tom started driving in to Malaysia at 19 45. He arrived at his destination 3 h 20 min later. At what time did he reach his destination?

(1) 4.25 a.m.

(2) 4.25 p.m.

(3) 11.05 a.m.

(4) 11.05 p.m.

9. Which one of the following is a multiple of both 4 and 6?

(1) 10

(2) 12

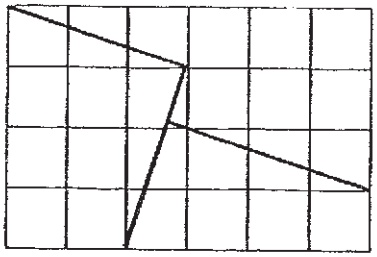
(3) 16

(4) 18

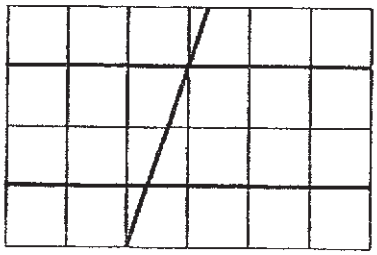
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10. Which of the following figures in the square grid below has both parallel and perpendicular lines?

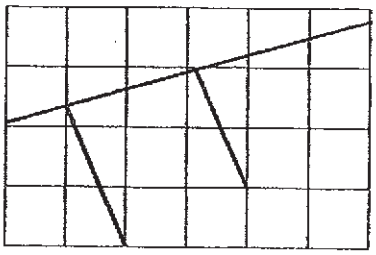
(1)



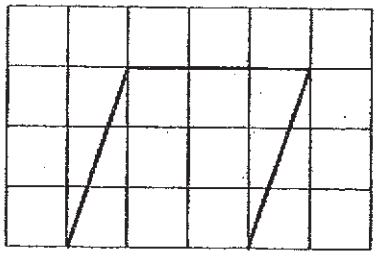
(2)



(3)



(4)



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11. Which one of the following is equal to 0.36?

(1) $3 + \frac{6}{10}$

(2) $\frac{3}{10} + \frac{6}{10}$

(3) $\frac{3}{10} + \frac{6}{100}$

(4) $3 + \frac{6}{100}$

12. Bala is facing the south-west direction. Which of the following turns will result in him facing north?

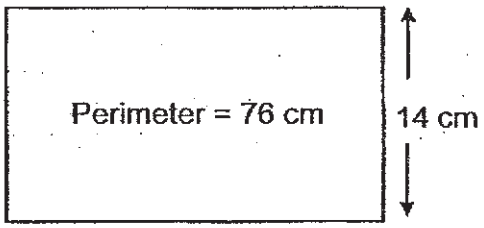
(1) 90° clockwise

(2) 135° anti-clockwise

(3) 225° anti-clockwise

(4) 270° anti-clockwise

13. The perimeter of a piece of cardboard, as shown below, is 76 cm. Its breadth is 14 cm. Find its length.



(1) 24 cm

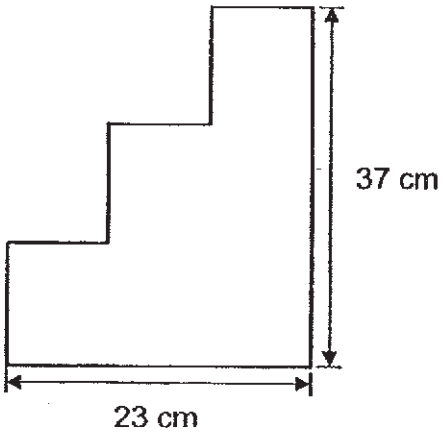
(2) 31 cm

(3) 48 cm

(4) 62 cm

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14. The figure below is formed by three rectangles.
Find the perimeter of the figure.



(1) 60 cm

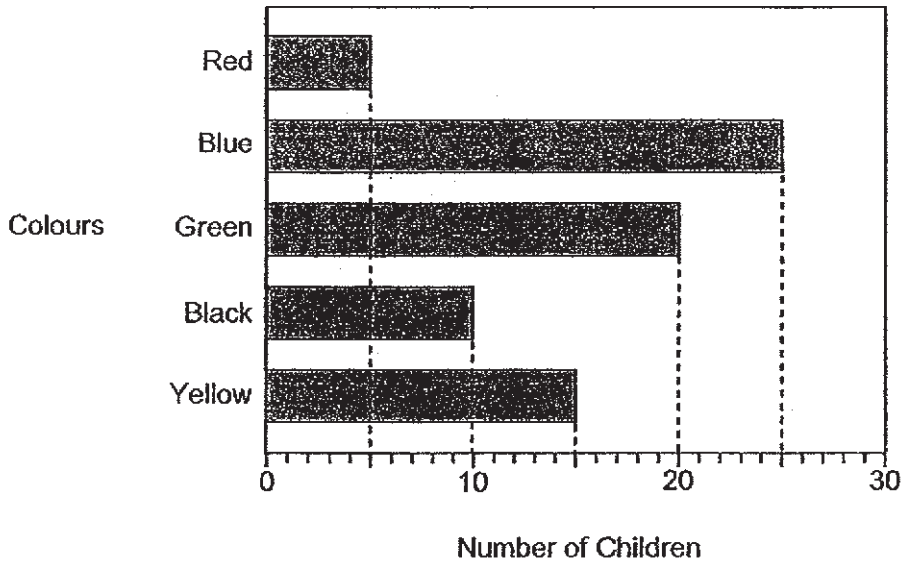
(2) 97 cm

(3) 120 cm

(4) 180 cm

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15. The bar graph below shows the favourite colours of some children.

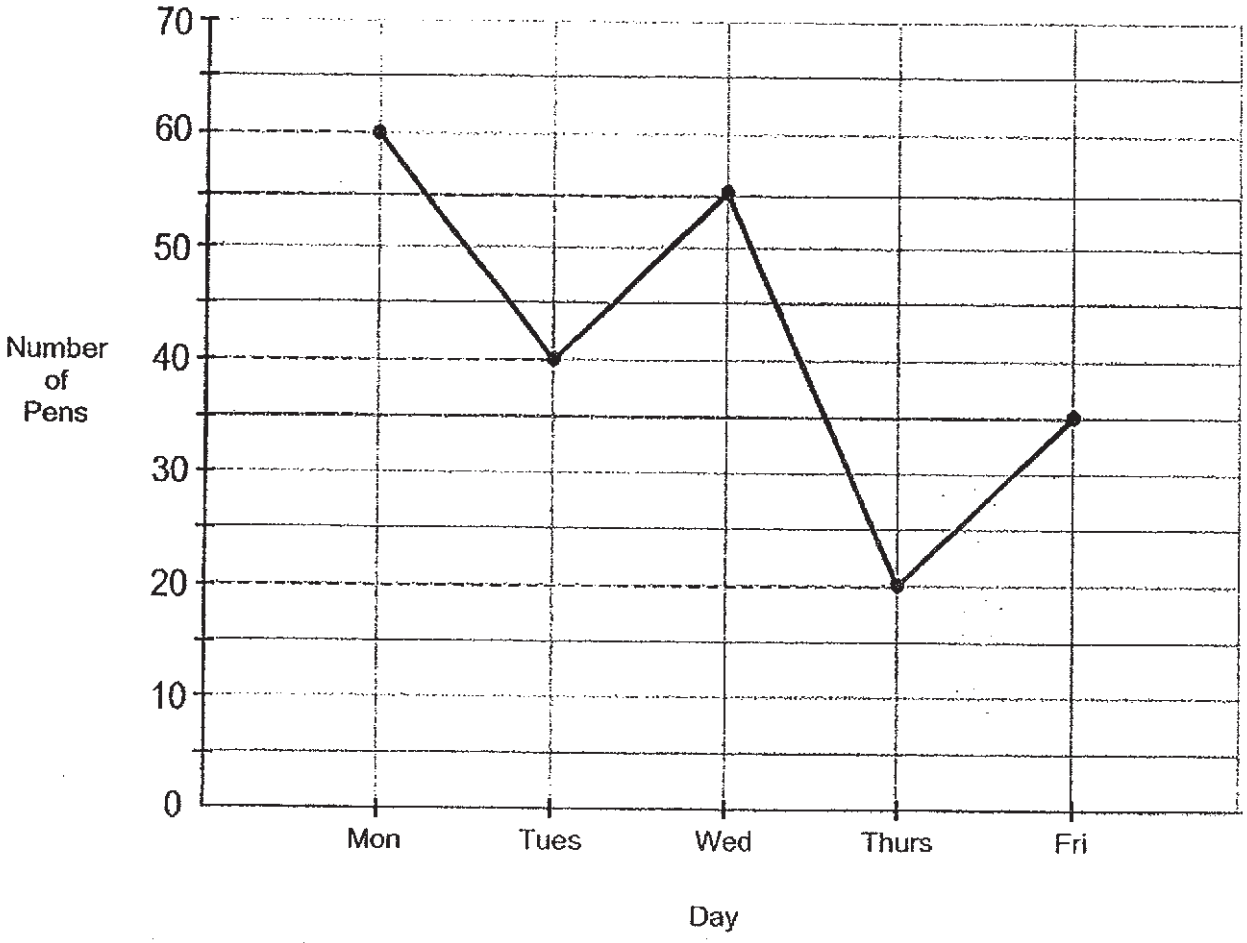


What is the difference between the number of children who chose yellow and the number of children who chose the colour which is most liked?

(1) 10
(2) 15
(3) 20
(4) 25

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16. The line graph below shows the number of pens sold by the bookshop from Monday to Friday.



On which day did the bookshop sell 3 times as many pens as Thursday?

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

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17 Peter is thinking of two numbers.

The only common factors of the numbers are 1 and 3.

Their first common multiple is 18.

One of the numbers is 9.

What is the other number?

(1) 27

(2) 18

(3) 3

(4) 6

18. In a library, $\frac{3}{5}$ of the people were adults and the rest were children.

$\frac{3}{4}$ of the children were girls. There were 40 more girls than boys.

How many adults were there in the library?

(1) 20

(2) 60

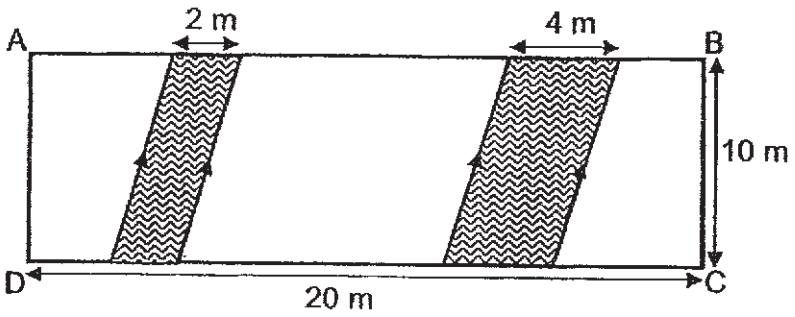
(3) 120

(4) 200

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19. In the figure, ABCD is a rectangle.

Find the area of the unshaded part.



(1) 200 m^2

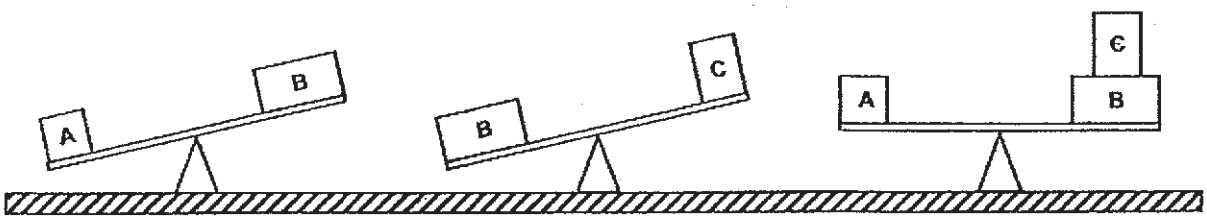
(2) 160 m^2

(3) 140 m^2

(4) 120 m^2

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20. Objects A, B and C were weighed on a balance scale.



Which of the tables shows the possible masses of the 3 objects?

(1)

Object	Mass(kg)
A	32
B	14
C	14

(2)

Object	Mass(kg)
A	32
B	14
C	18

(3)

Object	Mass(kg)
A	32
B	16
C	10

(4)

Object	Mass(kg)
A	32
B	18
C	14

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Maha Bodhi School
2019 Semestral Assessment 2
Primary 4
Mathematics
Booklet B

Name : _____ ( )

Class : Primary 4 _____

Date : 30 October 2019

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

INSTRUCTIONS TO CANDIDATES:

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

Booklet	Marks Obtained	Max Marks
A		40
B		60
Total		**100**

Parent's signature: _____

This booklet consists of 13 printed pages.

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Section B (40 marks)

Questions **21** to **40** carry 2 marks each.
Write your answers in the spaces provided, giving the answers in the units stated. Show your working clearly in the space provided below each question.
All diagrams are not drawn to scale.

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21. Write twelve thousand in figures.

Ans: _____

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

315, 513, 135, 351

_____, _____, _____, _____

(greatest) (smallest)

23. $2781 \div 9 =$ _____

Ans: _____

24. $\frac{3}{5} = \frac{\square}{35}$

What is the missing number in the box?

Ans: _____

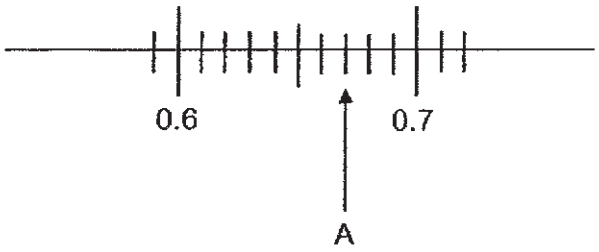
/ 8

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25. Find the value of $1 - \frac{2}{5} - \frac{1}{2}$

Ans: _____

26. Write the decimal represented by A.



Ans: _____

27. Express 0.2 as a fraction.

Ans: _____

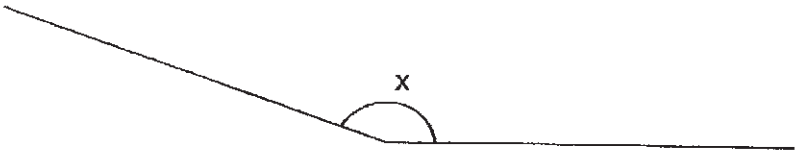
28. Find the value of 6.58 x 9

Ans: _____

/ 8

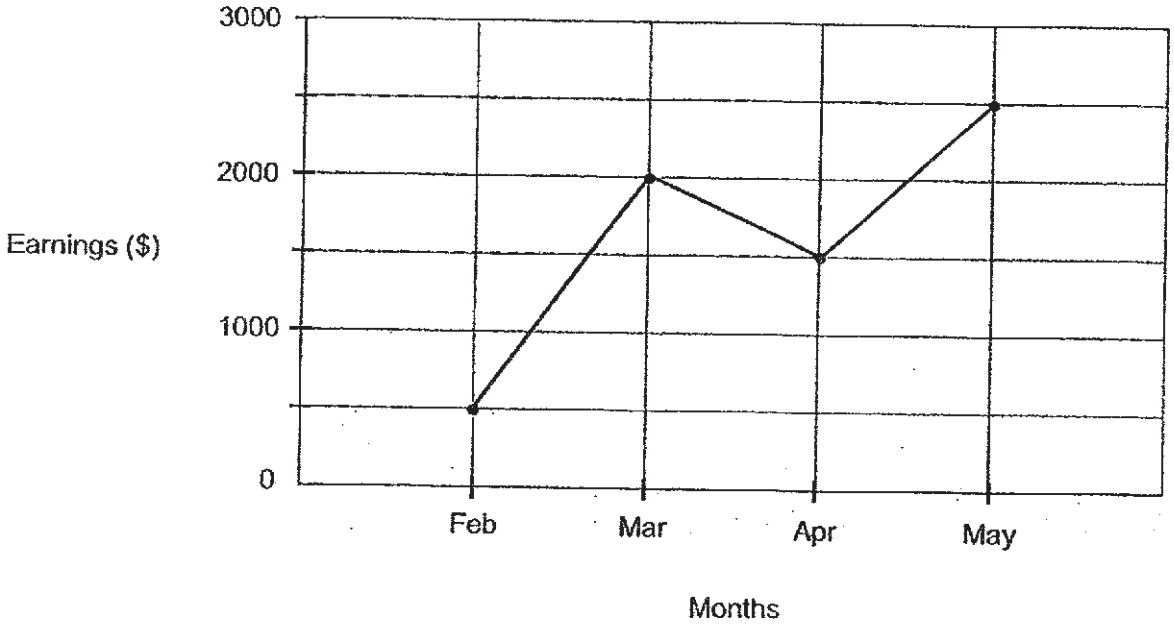
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29. Measure and write down the size of $\angle x$.



Ans:_____°

30. The line graph below shows the earnings for a drink stall for the months of February to May.



How much money did the drink stall earn in the months of February and May altogether?

Ans: $ _____

/ 4

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

7089, 7219, 7349, 7479, _____, 7739

Ans: _____

32. What is the missing number in the box?

[ ] ÷ 4 = 3796 R 2

Ans: _____

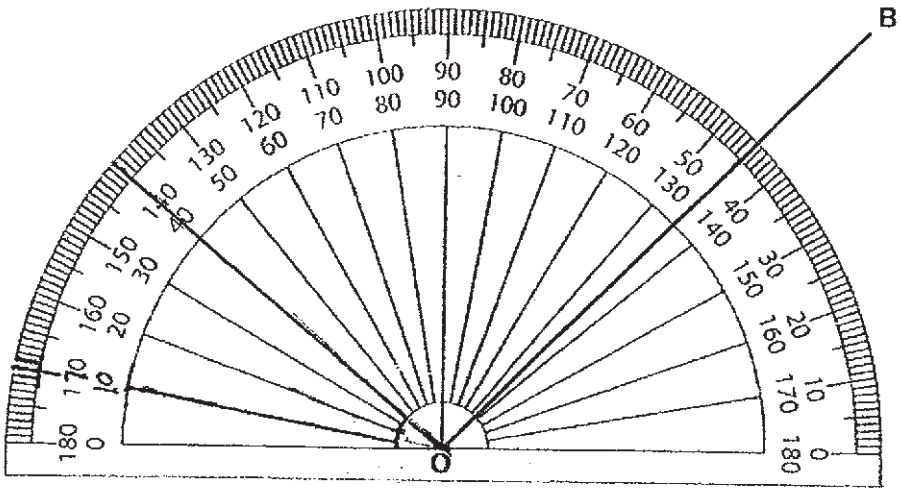
33. Pole A is twice as long as Pole B.
Pole C is 0.25 m longer than Pole A.
The total length of the three poles is 6.5 m.
What is the length of Pole B?

Ans: _____ m

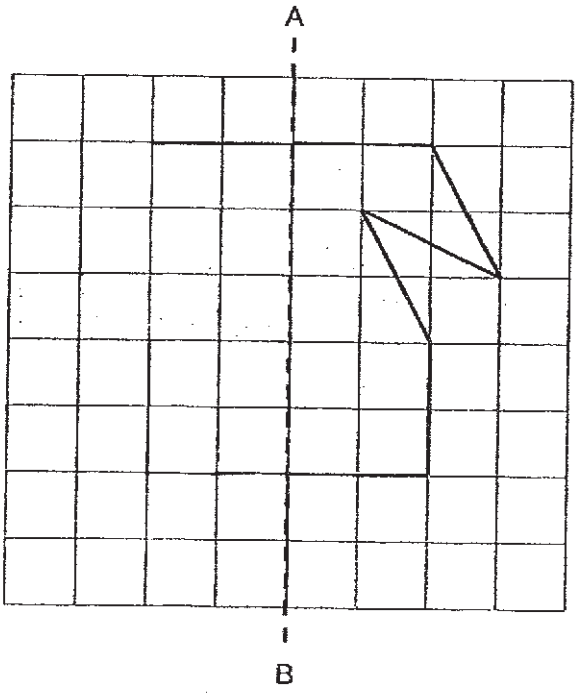
/ 6

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34. Using the protractor below, draw another line AO such that ∠AOB = 95°.



35. Complete the figure using Line AB as the line of symmetry.



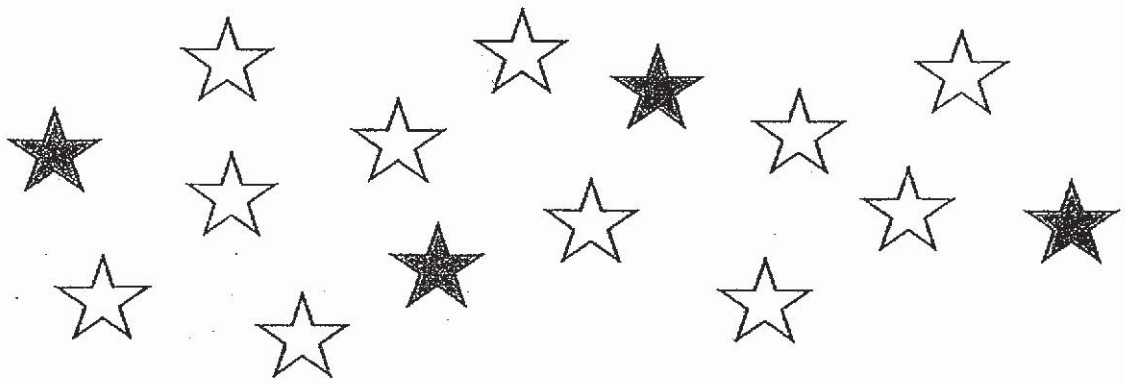
/ 4

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36. Andrea is 12 years old now. Her father is three times as old as her.
In how many years' time will Andrea's father be twice as old as Andrea?

Ans: _____

37. The diagram below shows 4 grey stars and some white stars. What fraction of the white stars must be shaded such that $\frac{2}{3}$ of all the stars are shaded?

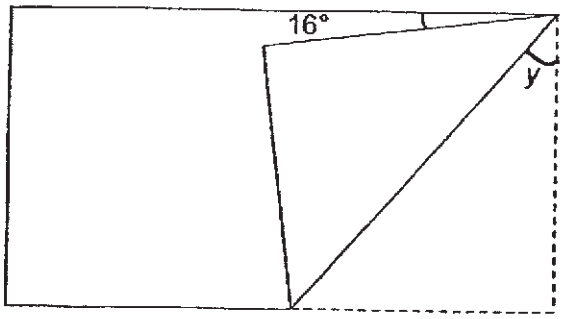


Ans: _____

/ 4

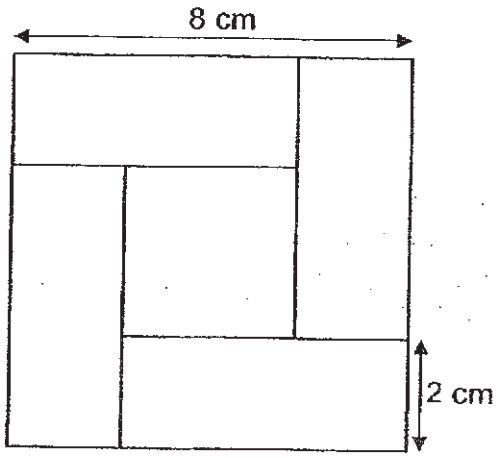
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38. A rectangular piece of paper is folded as shown below.
Find $\angle y$.



Ans: _____ °

39. Four identical rectangles are cut out from a square piece of paper as shown in the diagram. The breadth of each rectangle is 2 cm.
What is the area of each rectangle?



Ans: _____ cm^2

/ 4

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40. The table below shows the number of pupils in a class who wear glasses and those who do not wear glasses.

	Wear glasses	Do not wear glasses	Total
Boys	16	2	18
Girls	19	3	22
Total	35	5	40

What is the fraction of the number of pupils in the class who wear glasses?

Ans: _____

/ 2

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Section C (20 marks)

Questions **41** to **45** carry 4 marks each.
Show your working clearly in the space below each question.
Write your number equations and final statements for each question.
All diagrams are not drawn to scale.

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41. Sally has thrice as many stickers as Carol.

Sally has 128 more stickers than Carol.

How many stickers do they have altogether?

Ans: _____ [4]

/ 4

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42. Jenny baked some cupcakes. She gave $\frac{1}{2}$ of her cupcakes to Kumar and $\frac{1}{3}$ of her cupcakes to Luke. Jenny has 50 cupcakes left. How many cupcakes did Jenny bake?

Ans: _____ [4]

/ 4

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43. At the supermarket, Andy paid $11.50 for a watermelon and 5 apples.
Khairi paid $15.85 for 1 such watermelon and 10 such apples.
Find the cost of 1 such watermelon.

Ans: _____ [4]

/ 4

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44. Lucy read 4 books in 1 hour 25 minutes. She took the same amount of time to read each of the first 3 books. She took 25 minutes longer to read the fourth book than each of the first 3 books. She finished reading all the books at 15 20. What time did she start reading the fourth book?

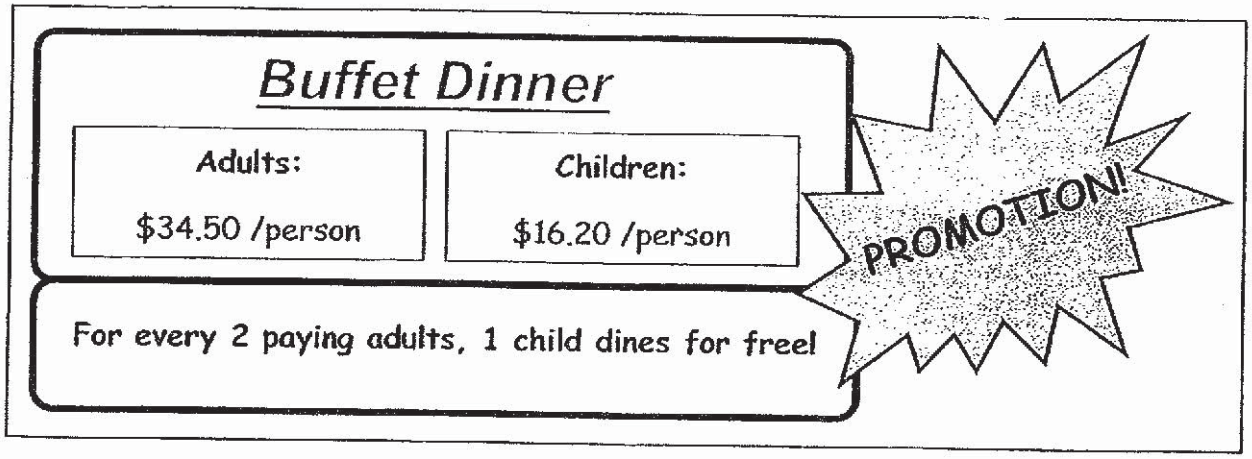
Ans: _____ [4]

/ 4

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45. Mr Tan and his family had their dinner at a buffet restaurant.

How much does Mr Tan have to pay if there were 7 adults and 4 children?



Ans: _____ [4]

/ 4

~ End of Paper ~

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SCHOOL : MAHA BODHI PRIMARY SCHOOL

LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2019 SA2

BOOKLET A

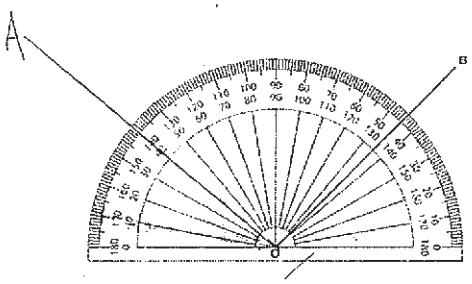
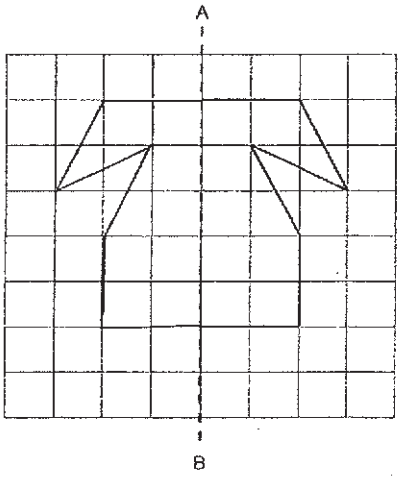
Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	1	2	4	3	1	4	2	1
Q 11	Q12	Q13	Q14	Q15	Q 16	Q17	Q18	Q19	Q20
3	3	1	3	1	1	4	3	3	4

BOOKLET B

Q21)	12000
Q22)	513 , 351 ,315 ,135
Q23)	309
Q24)	21
Q25)	$\frac{1}{10}$
Q26)	0.67
Q27)	$\frac{1}{5}$
Q28)	59.22
Q29)	162°
Q30)	$3000
Q31)	7609
Q32)	15186
Q33)	6.5 – 0.25 = 6.25 6.25 ÷ 5 = 1.25m

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Q34)	
Q35)	
Q36)	12 x 2 = 24 24 – 12 = 12 years
Q37)	10 – 4 = 6
Q38)	∠Y = 74 ÷ 2 = 34°
Q39)	8 – 2 = 6 2 x 6 = 12cm²
Q40)	$\frac{7}{8}$
Q41)	3 – 1 = 2 128 ÷ 2 = 64 64 x 4 = 256

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Q42)	$\frac{6}{6} - \frac{5}{6} = \frac{1}{6}$ 1u→50 50 x 6 = 300 6u→300
Q43)	15.85 – 11.50 = 4.35 4.35 ÷ 5 = 0.87 0.87 x 10 = 8.70 15.85 – 8.70 $7.15
Q44)	1h 25min – 25min = 1h 1h = 60min 60min ÷ 4 = 15 min 15min + 25min = 40min  ANS: 14 40
Q45)	34.50 x 7 = 241.50 241.50 + 16.20 = $257.70

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