- 24

Maha Bodhi School
2018 Semestral Assessment 2
Primary 4
Mathematics
Booklet A

Name : _____ ( )

Class : Primary 4 _____

Date : 24 October 2018

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 11 printed pages.

Section A (40 marks)

Questions **1** to **20** carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet.

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1. The value of the digit 5 in 65 432 is _____.

   (1) 50
   (2) 500
   (3) 5000
   (4) 50 000

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

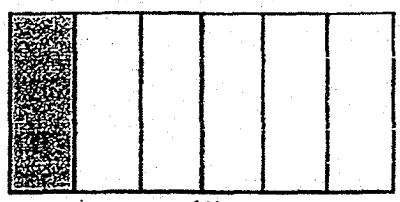
	(smallest)		*(greatest)*
(1)	4762 ,	4726 ,	4276
(2)	4276 ,	4762 ,	4726
(3)	4762 ,	4276 ,	4726
(4)	4276 ,	4726 ,	4762

3. $7\frac{4}{9} = \frac{\boxed{?}}{9}$

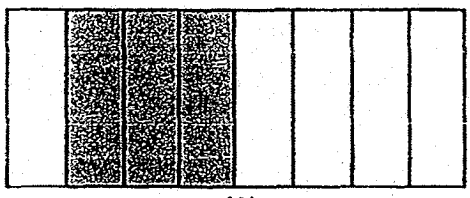
   What is the missing number in the box?

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

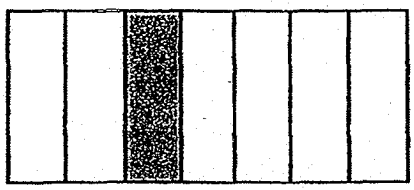
4. Which one of the following shows $\frac{1}{6}$ of the figure shaded?



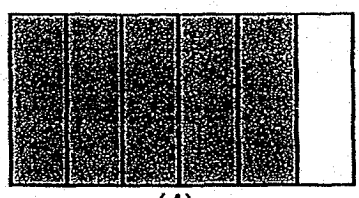
(1)



(2)



(3)



(4)

5. Round 32.54 to the nearest whole number.

(1) 30
(2) 32
(3) 33
(4) 35

6. Which of the following figures has perpendicular lines?

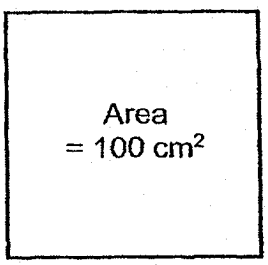
(1)

(2)

(3)

(4)

7. The area of the square is 100 cm^2.
What is the length of the square?



(1) 10 cm
(2) 25 cm
(3) 40 cm
(4) 50 cm

8. John's swimming lesson lasted for 45 minutes. His lesson ended at 17 15.
What time did his swimming lesson start?

(1) 15 30
(2) 16 30
(3) 17 00
(4) 18 00

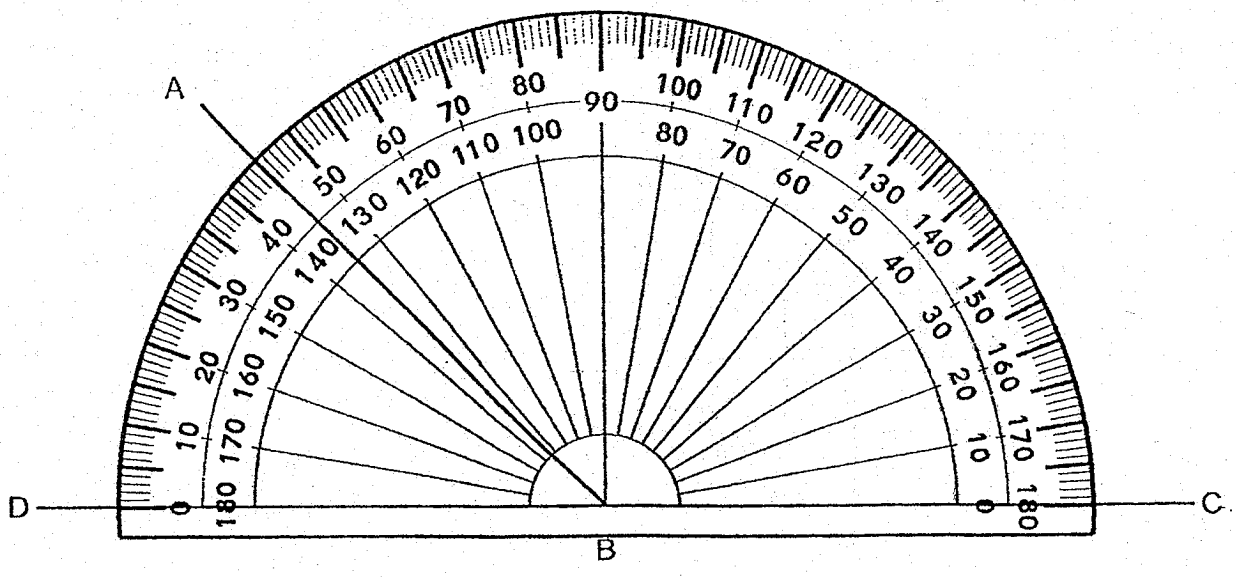
9. Raju is thinking of two numbers.
The only common factors of the numbers are 1 and 2.
Their first common multiple is 12.
One of the numbers is 6.
What is the other number?

(1) 12
(2) 2
(3) 3
(4) 4

10. String A is 2.35 cm.
It is 1.45 cm longer than String B.
String C is twice as long as String B.
How long is String C?

(1) 0.9 cm
(2) 1.8 cm
(3) 3.8 cm
(4) 7.6 cm

11. Find the difference between ∠ABC and ∠ABD.



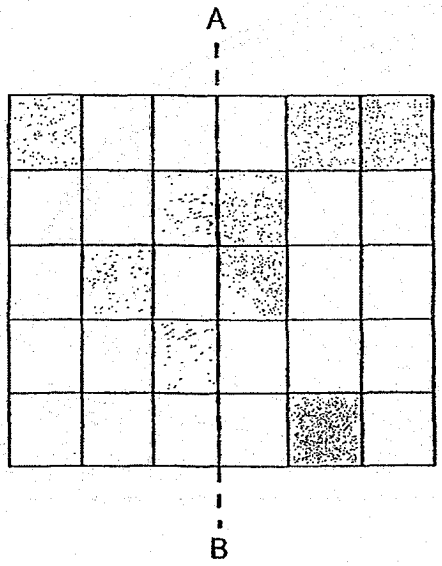
(1) 45°

(2) 90°

(3) 100°

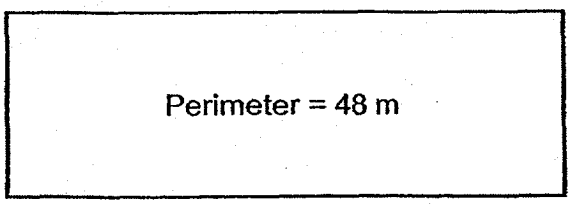
(4) 135°

12. What is the smallest number of squares that must be added so that line AB becomes the line of symmetry?



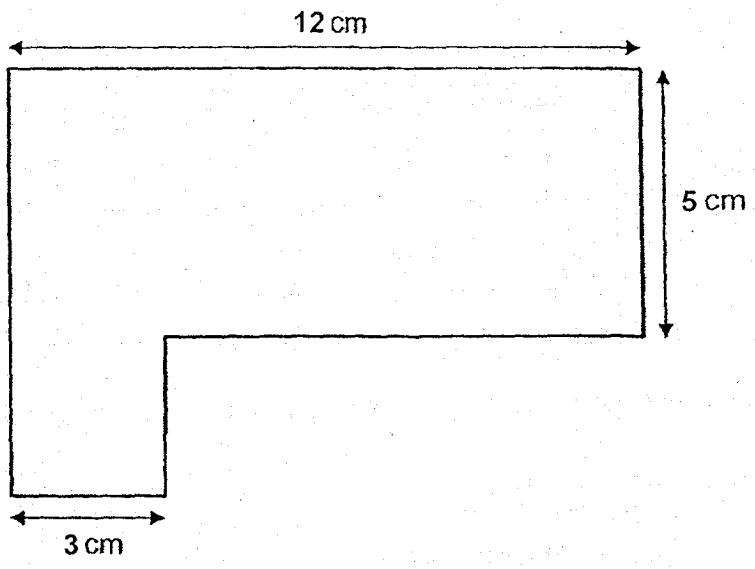
(1) 5
(2) 6
(3) 3
(4) 4

13. The perimeter of the rectangle is 48 m.
The length of the rectangle is 3 times its breadth.
Find its area.



(1) 108 m^2
(2) 128 m^2
(3) 144 m^2
(4) 192 m^2

14. The figure below is made up of a rectangle and a square. Find its perimeter.



(1) 20 cm

(2) 34 cm

(3) 37 cm

(4) 40 cm

15. The table below shows the number of tickets sold at a funfair from Thursday to Sunday.

Day	Number of adult tickets sold	Number of child tickets sold
Thursday	63	33
Friday	33	77
Saturday	63	48
Sunday	77	34

On which two days were the same total number of tickets sold?

(1) Thursday and Friday
(2) Thursday and Saturday
(3) Friday and Sunday
(4) Saturday and Sunday

16. The table below shows the time taken by 4 boys to complete a race.

Names	Time taken (s)
Andy	29
Benson	18
Cai Ming	23
Dennis	31

Who is the fastest runner?

(1) Dennis
(2) Cai Ming
(3) Benson
(4) Andy

17. Tom has a packet of marbles.

If he gives 3 marbles to each of his friends, he will have 3 marbles left.

If he gives 4 marbles to each of his friends, he will be short of 2 marbles.

How many marbles are there in the packet?

(1) 6

(2) 9

(3) 12

(4) 18

18. $\frac{2}{5}$ of the pupils in a class are girls.

There are 10 more boys than girls.

How many pupils are there in the class?

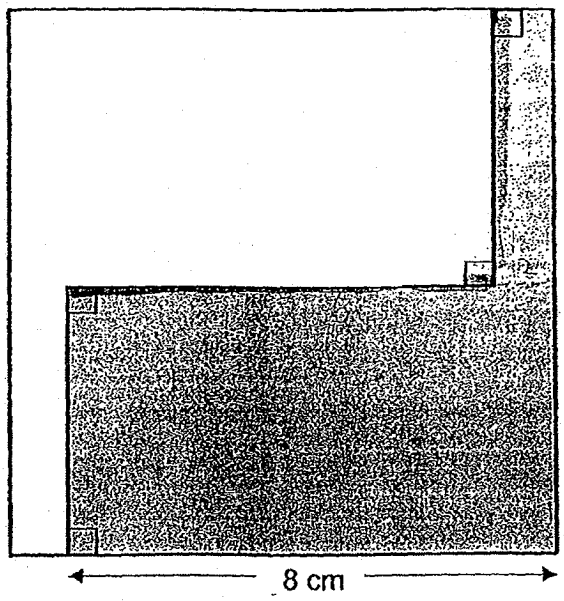
(1) 10

(2) 20

(3) 30

(4) 50

19. The following figure shows a square.
The perimeter of the shaded part is 34 cm.
Find the area of the square.



(1) 64 cm^2

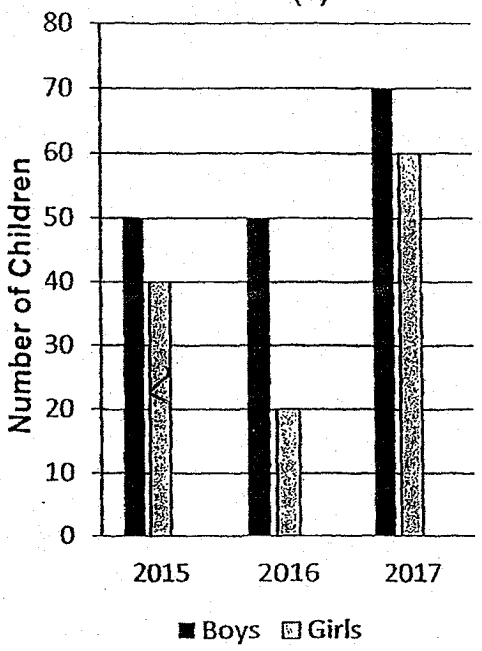
(2) 81 cm^2

(3) 100 cm^2

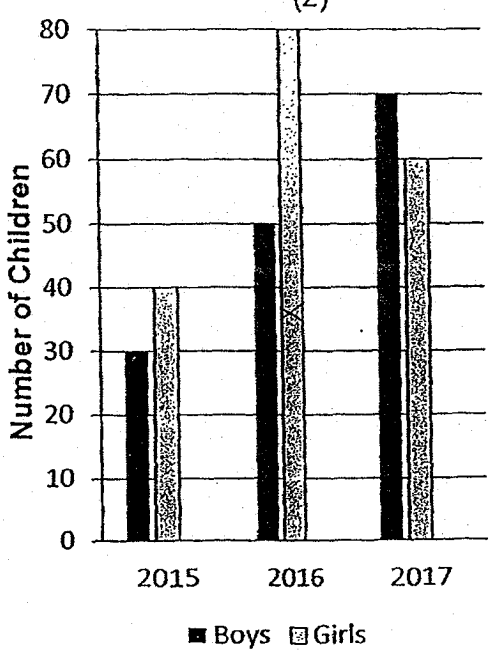
(4) 169 cm^2

20. In 2015 charity walk, the number of boys was 10 less than the number of girls.
In 2016 charity walk, the number of girls was half the number of girls in 2015.
In 2017 charity walk, the number of boys was 20 more than the number of boys in 2016.
Which one of the following bar graphs best represents the number of children who participated in the charity walk from the year 2015 to 2017?

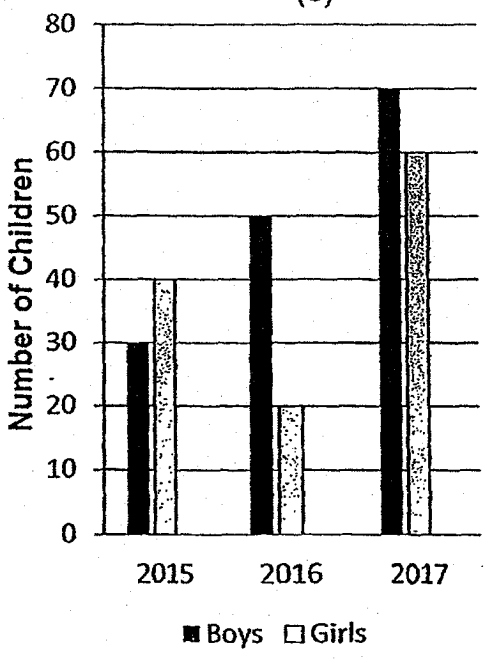
(1)



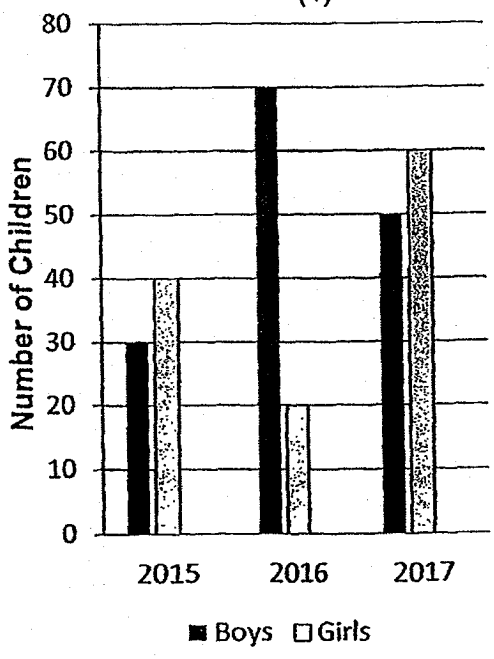
(2)



(3)



(4)



Maha Bodhi School
2018 Semestral Assessment 2
Primary 4
Mathematics
Booklet B

Name : _____ ( )

Class : Primary 4 _____

Date : 24 October 2018

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.

Section B (40 marks)

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.

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21. Write five thousand and nineteen in figures.

Ans: _____

22. What is the remainder when 1214 is divided by 7?

Ans: _____

23. $1094 \times 4 =$ _____.

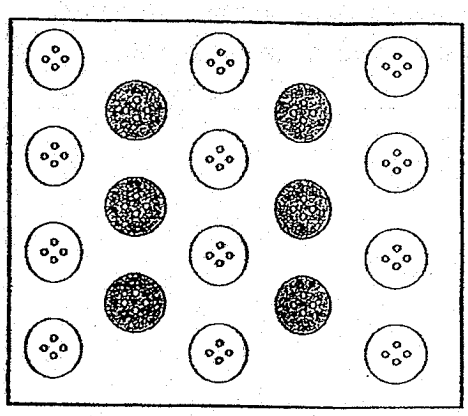
Ans: _____

24. Express $\frac{9}{12}$ in its simplest form.

Ans: _____.

/ 8

25. What fraction of the buttons shown are grey in colour?



Ans: _____

26. $0.7 = \frac{7}{\boxed{?}}$

What is the missing number in the box?

Ans: _____

27. $2.05 + 4 =$ _____.

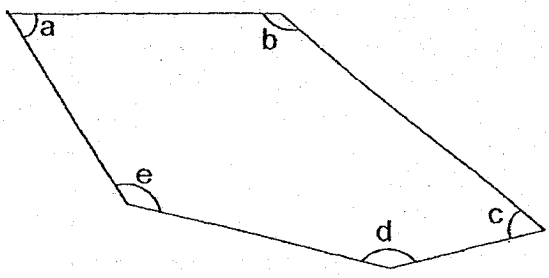
Ans: _____

/6

28. $8.13 - 6.74 =$ ___

Ans: _____

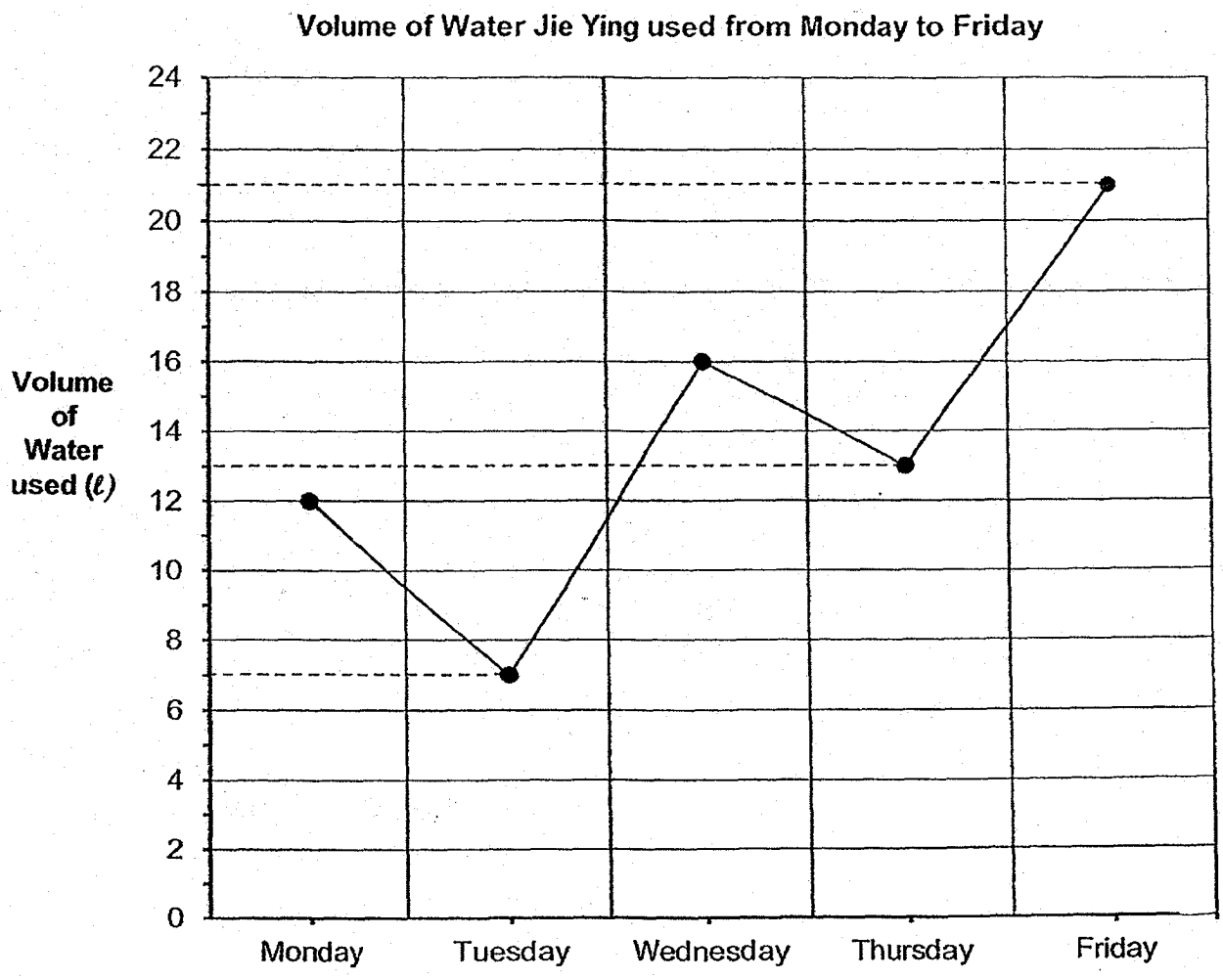
29. In the figure below, name the two angles that are smaller than 90°.



Ans: ∠ _____ and ∠ _____

/ 4

30. The line graph below shows the volume of water Jie Ying used each day from Monday to Friday.

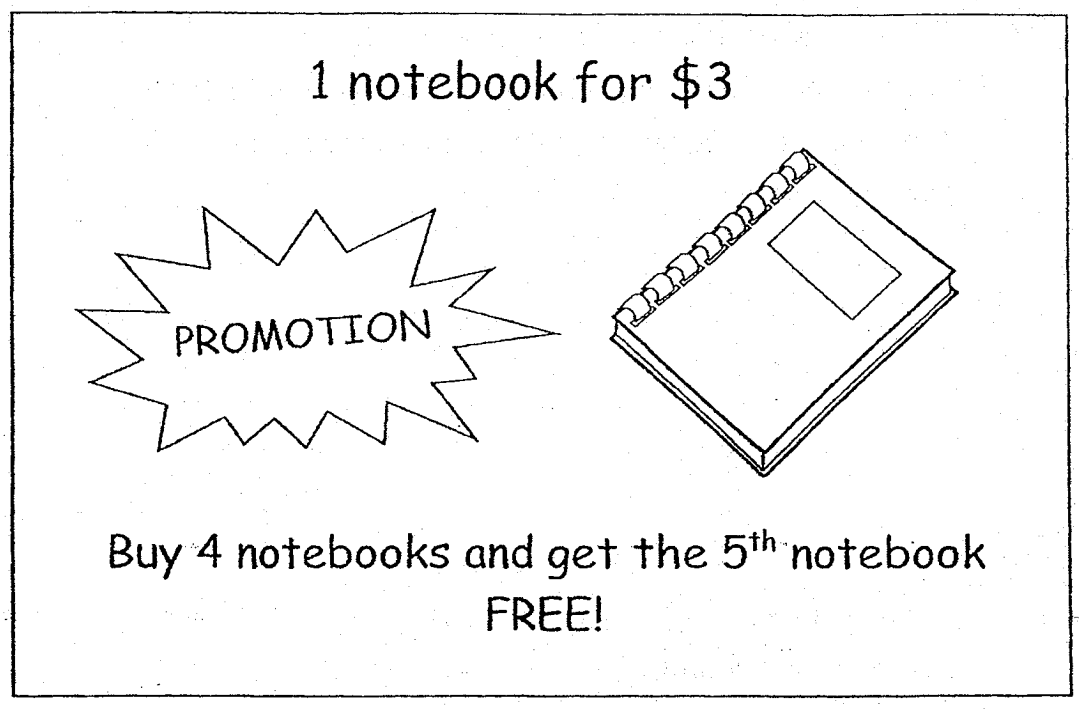


How many litres of water did Jie Ying use on Thursday?

Ans: _____ ℓ

/ 2

31.



Sarah spent $30 on the notebooks.

What was the most number of notebooks she could have?

Ans: _____ **notebooks**

32. Tim has 583 stickers. May has 641 stickers.

After May gave Tim some stickers, both of them have the same number of stickers. How many stickers did May give Tim?

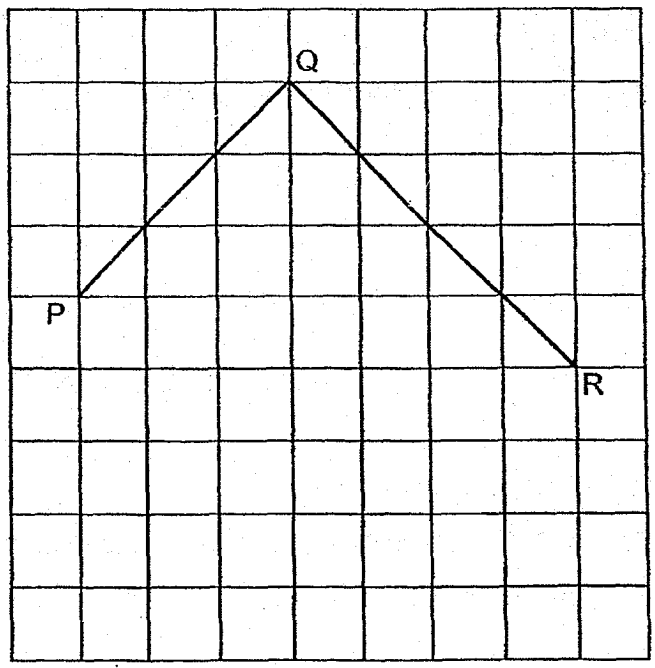
Ans: _____ stickers

/ 4

33. The mass of a basket and some apples is 7.28 kg.
The mass of the same basket and some mangoes is 12.54 kg.
The mass of the mangoes is twice the mass of the apples.
Find the mass of the basket.

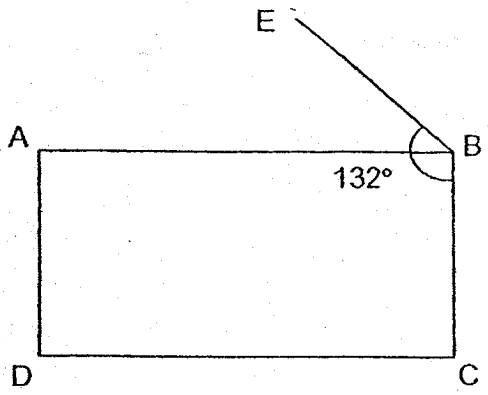
Ans: _____ kg

34. In the grid below, draw a rectangle PQRS.
Lines PQ and QR have been drawn for you.



/ 4

35. In the figure below, not drawn to scale, ABCD is a rectangle.
$\angle EBC = 132°$. Find $\angle EBA$.



Ans: _____ °

36. There are 13 chickens and cats in a farm.
These animals have 34 feet altogether.
How many cats are there?

Ans: _____ cats

/ 4

37. Kelvin bought 24 kg of prawns.

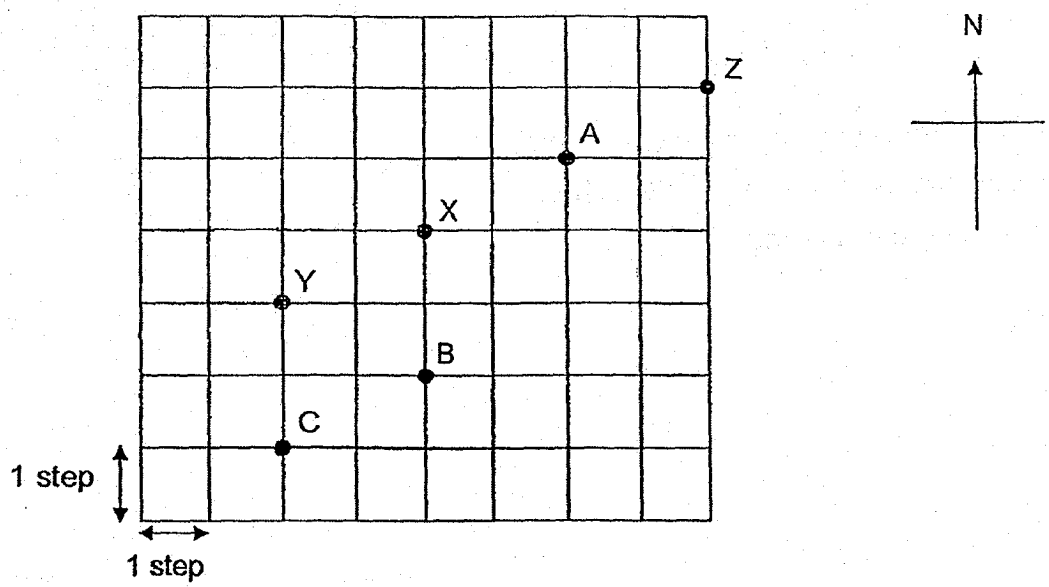
He gave $\frac{1}{4}$ of the prawns to his mother.

He gave $\frac{1}{2}$ kg of the prawns to his neighbour.

How much prawns did he give altogether?

Ans: _____ kg

38. Look at the grid and answer the following question.



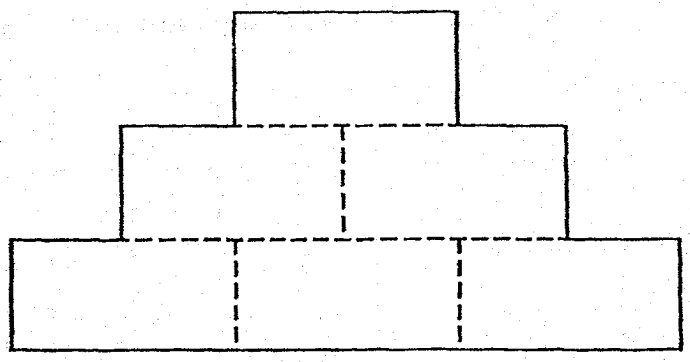
Bala started at a certain position. He walked 2 steps to the south, one step to the east, 1 step to the north and then 3 steps to the west.

He ended at Position X. What was his starting position?

Ans: Position _____

/ 4

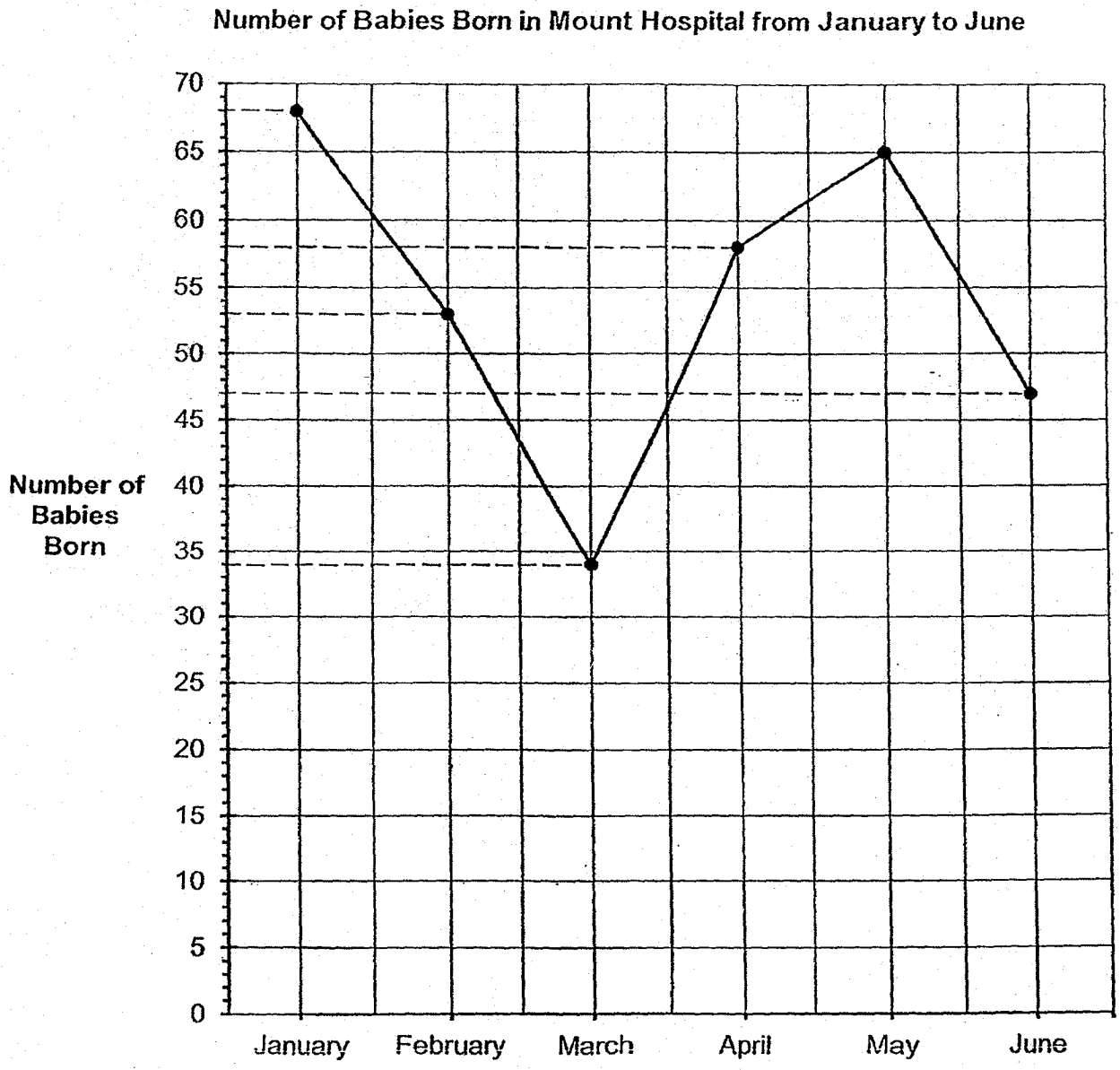
39. The following figure is made up of 6 similar rectangles.
Each rectangle measures 2 cm by 5 cm.
Find the perimeter of the figure.



Ans: _____ cm

/2

40. The line graph below shows the number of babies born in Mount Hospital from January to June.



During which 1-month interval was the decrease in the number of babies born the least?

Ans: _____ and _____

/2

Section C (20 marks)

Questions **41** to **45** carry 4 marks each.
Show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

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41. Jim paid \$225 for 3 bags and 2 pairs of shoes.

Each bag costs \$15 more than each pair of shoes.

Find the cost of each bag.

Ans: _____ [4]

42. The total mass of a bowl and a cup is $\frac{2}{3}$ kg.

The mass of the bowl is $\frac{2}{5}$ kg.

How much heavier is the bowl than the cup?

Ans: _____ [4]

/ 8

43. 1 cake and 1 egg tart cost $10.
1 cake and 2 egg tarts cost $10.80.
How much does 1 cake cost?

Ans: _____ [4]

44. Sue takes 1 h 40 min to get to Sentosa from her house by bus.
If she takes the MRT, she can reach Sentosa 25 min earlier.
Sue leaves her house and takes the MRT at 10 20.
What time will she reach Sentosa?

Ans: _____ [4]

/ 8

45. 3 parcels, A, B and C, have a total mass of 2.57 kg.

Parcel A is 0.12 kg heavier than Parcel B.

Parcel B is thrice as heavy as Parcel C.

What is the mass of Parcel C?

Ans: _____ [4]

--End of Paper -

/ 4

SCHOOL : MAHA BODHI PRIMARY SCHOOL

LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2018 SA2

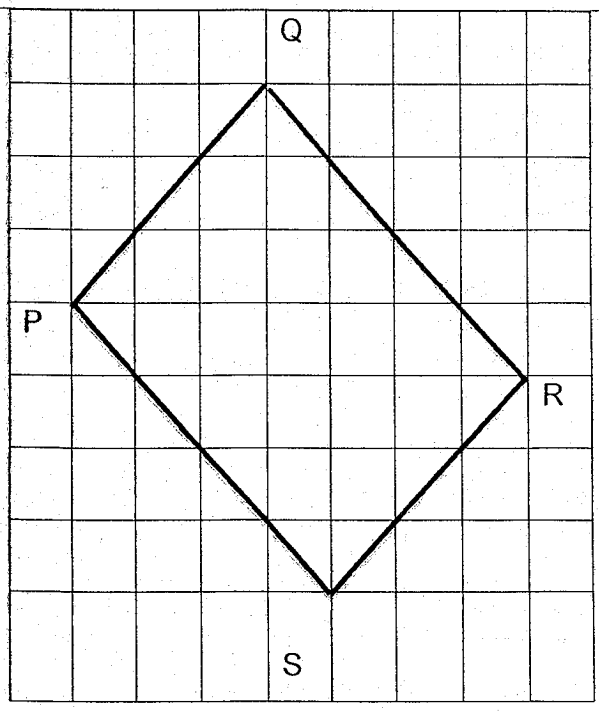
CONTACT : CALL MR GAN @ 9299 8971, 8606 5443

BOOKLET A

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

BOOKLET B

Q21)	**5019**
Q22)	**3**
Q23)	**4376**
Q24)	**¾**
Q25)	**1/3**
Q26)	**10**
Q27)	**6.05**
Q28)	**1.39**
Q29)	**a and c**
Q30)	**13 L**
Q31)	**12**
Q32)	**29**
Q33)	**2.02kg**
Q34)	

	
Q35)	**42**
Q36)	**4**
Q37)	**24 ÷ 4 = 6** **6 + 0.5 = 6.5**
Q38)	**A**
Q39)	**42 cm**
Q40)	**January and February**
Q41)	**3 x 15 = 45** **225 – 45 = 180** **180 ÷ 5 = 36** **36 + 15 = $51**
Q42)	**10/15 – 6/15 = 4/15** **6/15 – 4/15 = 2/15kg**
Q43)	**10.00 – 10.80 = 0.80** **10.00 – 0.80 = $9.20**
Q44)	**15min** **1h** **10.20** **10.35** **11.35** **1h 40 min – 25 min = 1h 15 min** **She will reach Sentosa at 11.35**

Q45)	**2.57 – 0.12 = 2.45** **2.45 ÷ 7 = 0.35kg**