Maha Bodhi School
2025 End-of-Year Examination
Primary 5
Mathematics
Paper 1
(Booklet A)

Name : _____ ( )

Class : Primary 5 _____

Date : 24 October 2025

Total Time for Booklets A and B: 1 h 10 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. Use a 2B pencil to shade your answers in the Optical Answer Sheet (OAS).
5. The use of calculators is **NOT** allowed.

This booklet consists of **11** printed pages.

Questions 1 to 10 carry 1 mark each. Questions 11 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) and shade your answer on the Optical Answer Sheet.
(26 marks)

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1. Which of the following is five million, thirteen thousand and seventy in numerals?

(1) 513 007
(2) 513 070
(3) 5 013 070
(4) 5 130 070

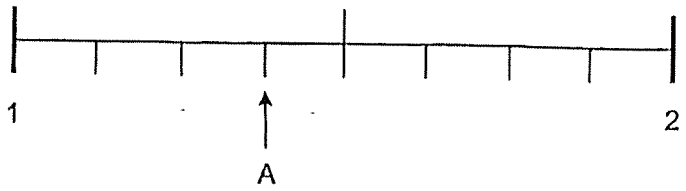
2. Find the product of 102 and 400.

(1) 4080
(2) 4800
(3) 40 800
(4) 408 000

3. Find the value of $\frac{1}{3} \times \frac{2}{5}$

(1) $\frac{5}{6}$
(2) $\frac{11}{15}$
(3) $\frac{3}{8}$
(4) $\frac{2}{15}$

4. In the number line, what is the mixed number represented by A?



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

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

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

(4) $1\frac{3}{10}$

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

$$\frac{1}{2}, \quad \frac{7}{10}, \quad \frac{2}{5}$$

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

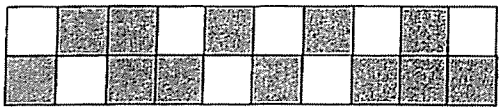
6. The table below shows the time taken by 4 boys to complete a race.

Name	Time in seconds
Bala	11.9
John	13.0
Ming	12.4
Rahman	11.7

Who was first in the race?

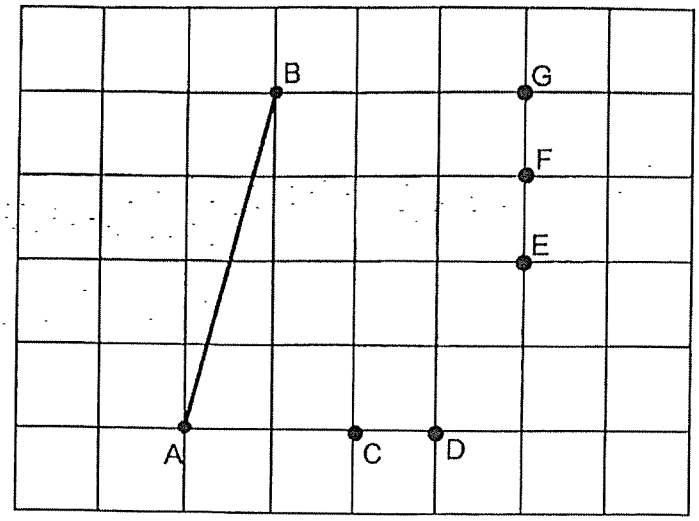
(1) Rahman
(2) Ming
(3) John
(4) Bala

7. What percentage of the figure below is shaded?



(1) 12%
(2) 20%
(3) 40%
(4) 60%

8. In the square grid, which of the following lines, when drawn, is parallel to line AB?

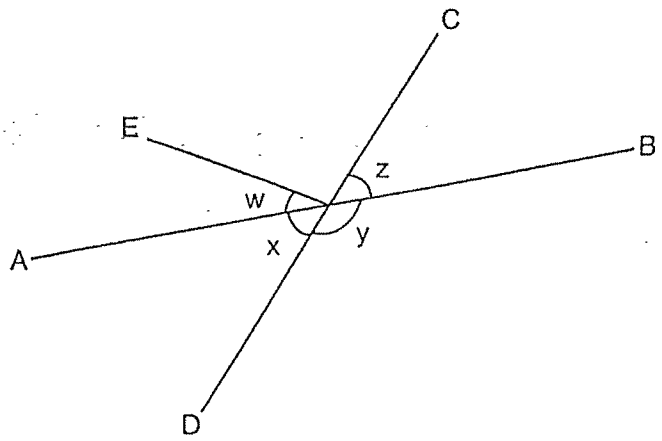


(1) CG
(2) DG
(3) DF
(4) CE

9. James folds 7 paper planes in 5 minutes.
At this rate, how many paper planes can he fold in 55 minutes?

(1) 11
(2) 35
(3) 57
(4) 77

10. In the figure, AB and CD are straight lines.
Which one of the following statements is true?



(1) $\angle w + \angle z = 180°$

(2) $\angle w + \angle x + \angle y + \angle z = 360°$

(3) $\angle y = \angle x$

(4) $\angle x = \angle z$

11. Andy had a coil of wire that measured 23.6 m long.
He cut it into 30 equal pieces and had 3.2 m of the wire left.
How long was each piece of wire?

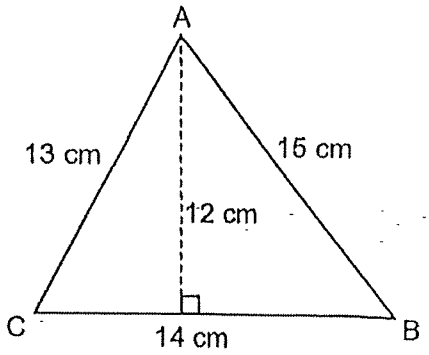
(1) 0.068 m

(2) 0.608 m

(3) 0.68 m

(4) 6.8 m

12. The figure shows a triangle ABC.



What is the area of triangle ABC?

(1) 84 cm^2
(2) 90 cm^2
(3) 91 cm^2
(4) 105 cm^2

13. Lydia had 180 stickers. She gave $\frac{1}{2}$ of the stickers to Mindy and 30% of the stickers to her sister. How many stickers had Lydia left?

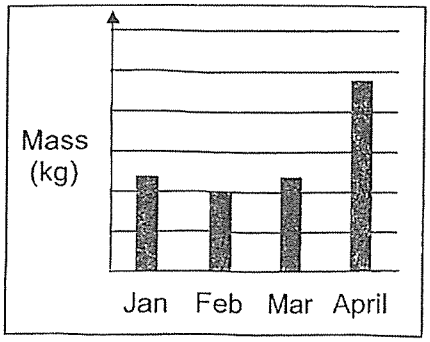
(1) 36
(2) 54
(3) 90
(4) 144

14. The table below shows the mass of recyclables collected from January to April.

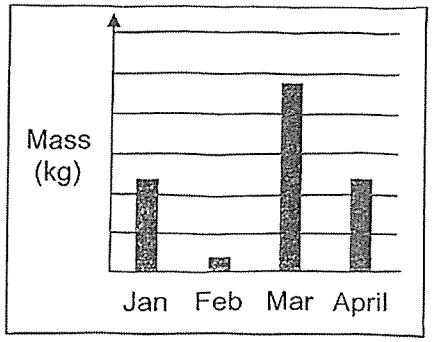
	Mass of recyclables collected
January	120 kg
February	100 kg
March	240 kg
April	120 kg

Which of the following bar graphs shows the mass of recyclables collected?

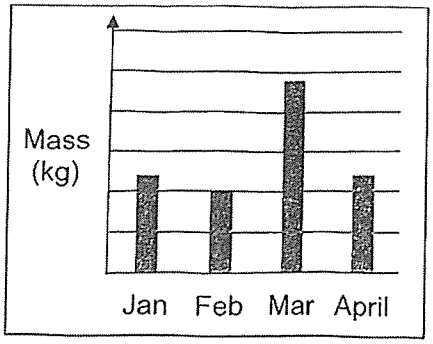
(1)



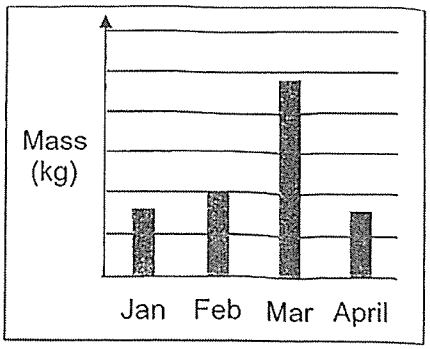
(2)



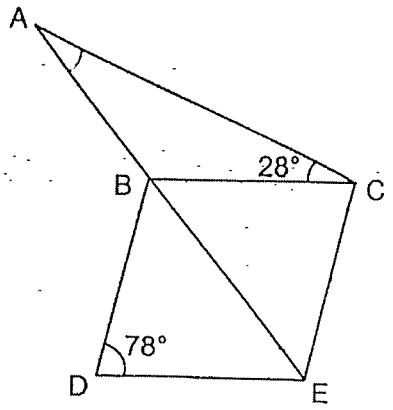
(3)



(4)



15. In the figure, BCED is a rhombus and ACE is a triangle. $\angle ACB = 28°$. Find $\angle EAC$.



(1) 23°
(2) 28°
(3) 29°
(4) 51°

16. Mrs Tan wanted to pack 54 cookies and 36 candies into as many boxes as possible. Each box had the same number of cookies. The number of candies in each box was the same. How many boxes did she use to pack the cookies and candies?

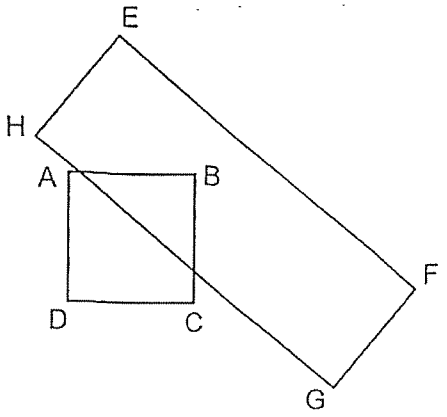
(1) 9
(2) 18
(3) 36
(4) 54

17. The figure below shows a square ABCD and a rectangle EFGH.

$\frac{3}{8}$ of square ABCD overlaps with rectangle EFGH. AB = HE

The length of AB is $\frac{1}{3}$ the length of EF.

What fraction of the rectangle is not overlapped with the square?



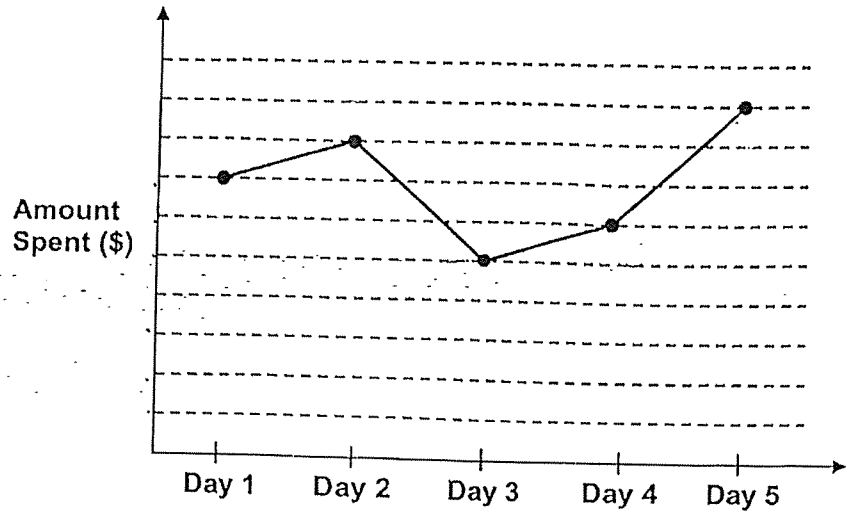
(1) $\frac{1}{8}$

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

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

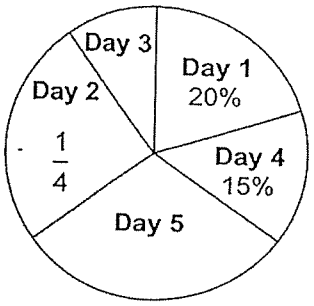
(4) $\frac{9}{8}$

18. The line graph shows the amount of money Amy spent over 5 days.

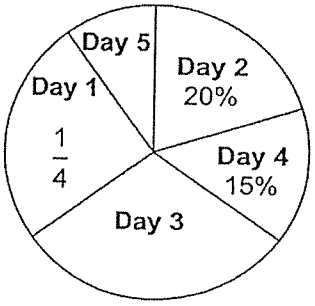


Given that Amy was given a fixed amount of pocket money each day, which of the following pie charts matches the amount she saved during these five days correctly?

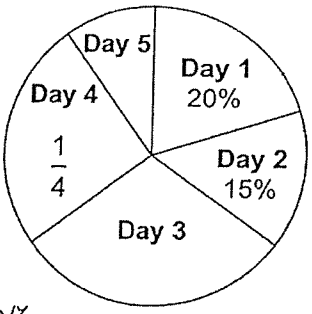
(1)



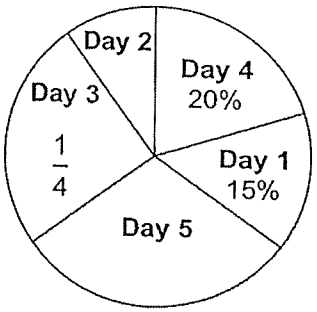
(2)



(3)



(4)



Remember to check your work!

~ End of Booklet A ~

Maha Bodhi School
2025 End-of-Year Examination
Primary 5
Mathematics
Paper 1
(Booklet B)

Name : _____ ( ) Marks: 24

Class : Primary 5_____

Date : 24 October 2025

Total Time for Booklets A and B: 1 h 10 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 all your answers in this booklet.
5. The use of calculators is **NOT** allowed.

This booklet consists of 7 printed pages.

Questions **19** to **30** carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. (24 marks)

19. Find the value of $35 - (17 + 19) \div 4 \times 2$

Ans: _____

20. Express $\frac{5}{8}$ as a decimal correct to 2 decimal places.

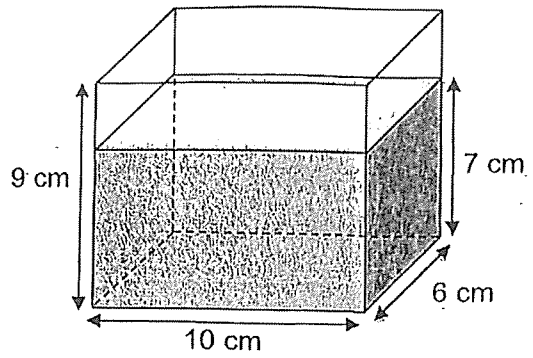
Ans: _____

21. The mass of 3 identical loaves of bread is 840 g.
What is the mass of 5 such loaves of bread? Express your answer in kilograms.

Ans: _____ kg

/ 6

22. A tank is filled with water. What is the volume of water in the tank?



Ans: _____ cm^3

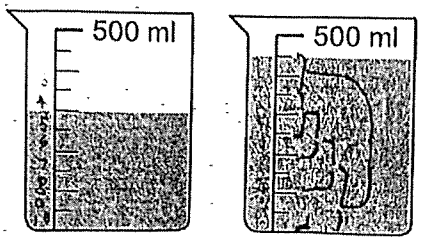
23. The table below shows the mass of 4 objects, A, B, C and D.
Find the difference in mass between the heaviest and lightest object.

Object	Mass (kg)
A	36.87
B	54.1
C	19.25
D	25.9

Ans: _____ kg

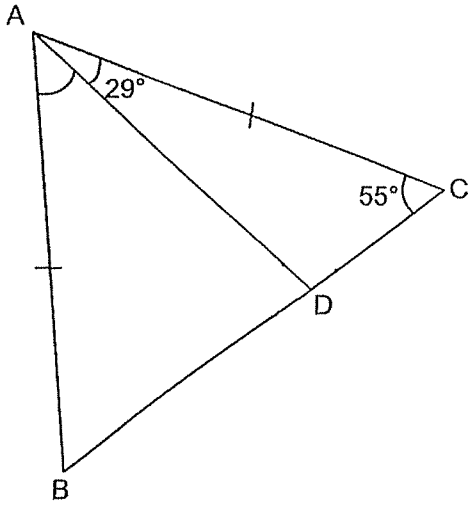
/ 4

24. 2 beakers of water are shown below.
What is the total amount of water in the 2 beakers?
Express your answer in litres.



Ans: _____

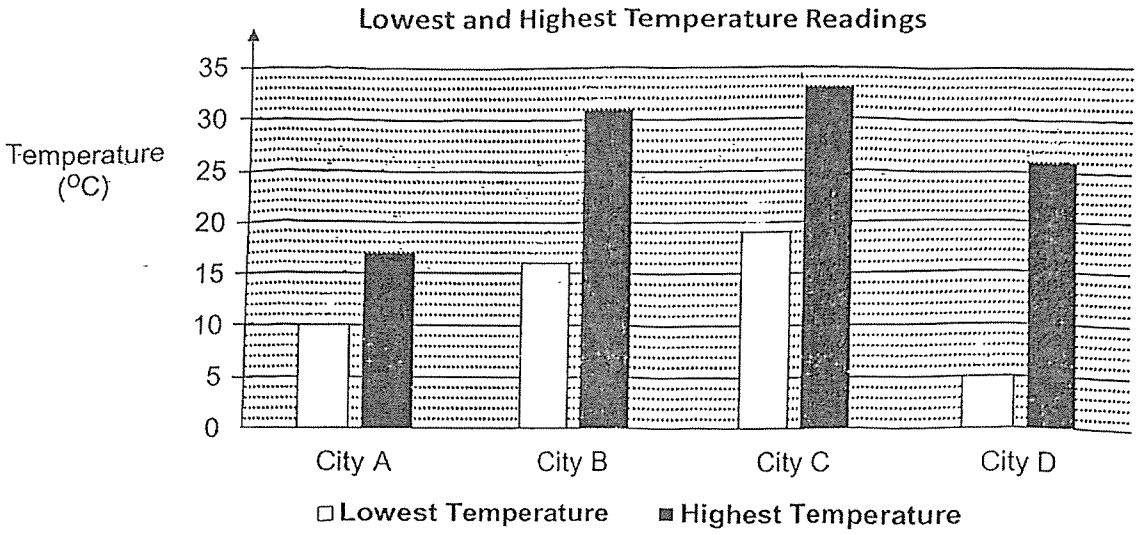
25. ABC is an isosceles triangle. $\angle ACB = 55°$ and $\angle DAC = 29°$. Find $\angle BAD$.



Ans: _____ °

/ 4

26. The bar graph below shows the lowest and highest temperatures of Cities A, B, C and D in a year.



Mr Lim visited two of these cities when the temperature was 28°C.
Name the cities Mr Lim visited.

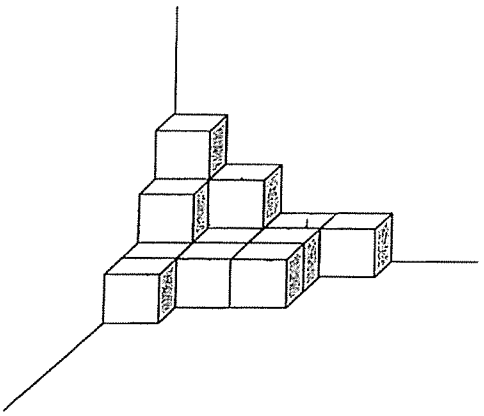
Ans: Cities _____ and _____

/ 2

27. Timothy had 134 stickers more than Sue at first. Sue gave Timothy 53 stickers. In the end, Timothy had twice as many stickers as Sue. How many stickers did Sue have at first?

Ans: _____

28. The solid shown below is made up of 1-cm cubes. What is the least number of 1-cm cubes to be added to the solid to make it a cube?



Ans: _____

/ 4

29. The parking charges at a car park are shown below.

First hour	\$2.20
Every additional $\frac{1}{2}$ hour or part thereof	\$1.30

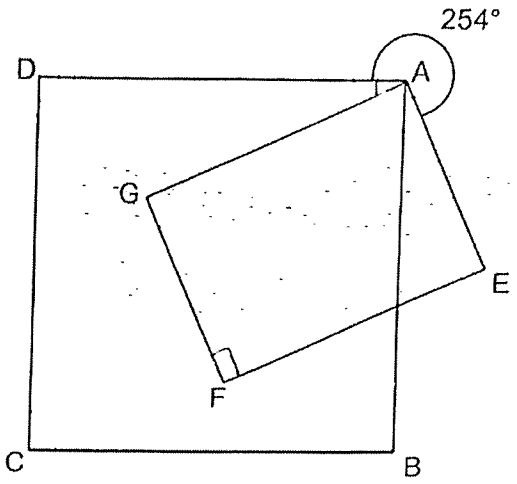
Mr Tan entered the car park at 8.00 am and left the car park at 10.15 am.
How much did he have to pay?

Ans: \$_____

/ 2

30. In the figure, ABCD is a square. AEFG is a rectangle and $\angle DAE = 254°$.

Find $\angle GAB$.



Ans: _____ °

/ 2

Remember to check your work!
~ End of Booklet B ~

Maha Bodhi School
2025 End-of-Year Examination
Primary 5
Mathematics
Paper 2

Name : _____ ( )

Class : Primary 5 _____

Date : 24 October 2025

Time: 1 h 20 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.
5. The use of an approved calculator is allowed.

Paper	Booklet	Marks Obtained	Max Marks
1	A		26
	B		24
2	-		50
Total			**100**

Parent's signature: _____

This booklet consists of 16 printed pages.

Questions 1 to 5 carry 2 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. (10 marks)

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1. $\frac{1}{7}$ of the buttons in a box are black and the rest are white. There are 180 white buttons.

   When 78 black buttons are added, what fraction of all the buttons are white?

   Give your answer in the simplest form.

Ans: _____

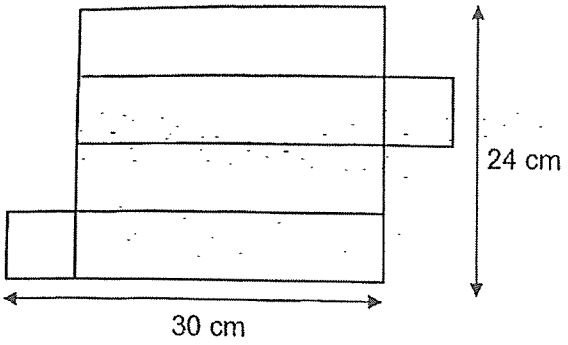
2. Belinda bought 3 identical books and 4 identical pens for $43.70.

   The total cost of a book and a pen is $13.80. How much does each pen cost?

Ans: $_____

/ 4

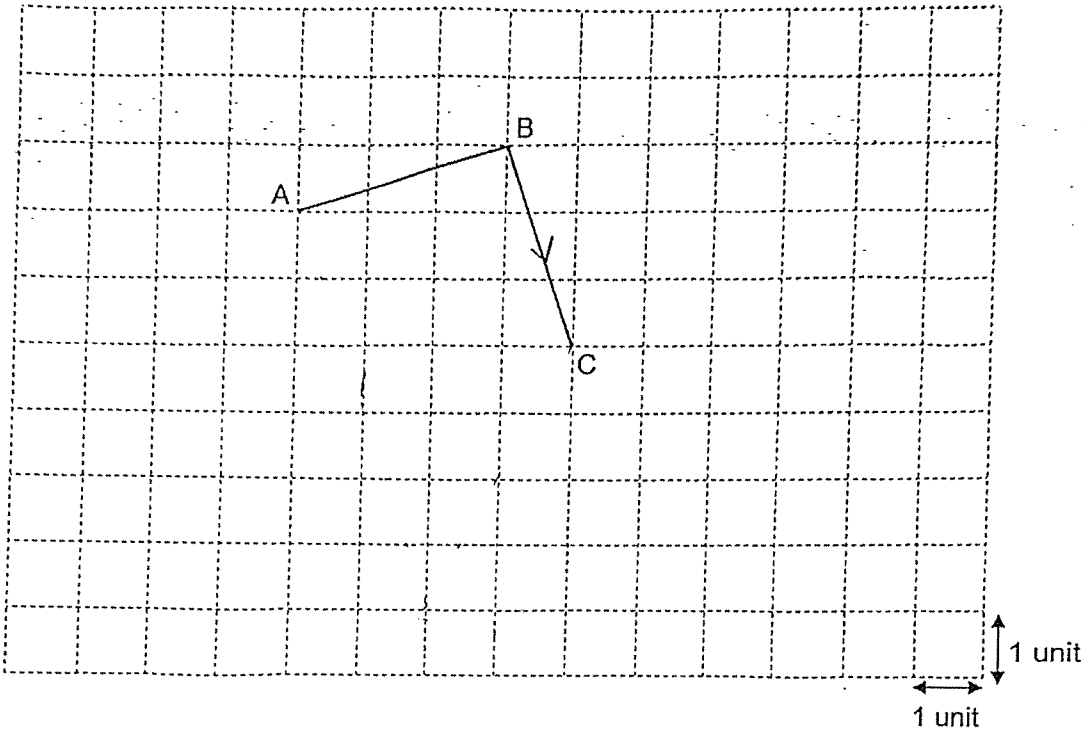
3. The figure below shows the net of a cubold with a square base.
What is the volume of the cubold?



Ans: _____ cm^3

/ 2

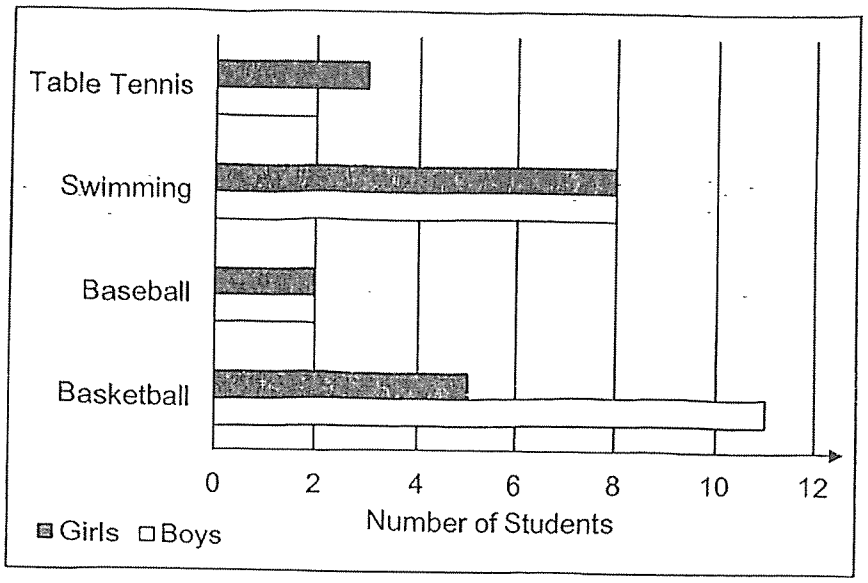
4. Lines AB and BC drawn on the square grid are part of a trapezium.
Draw trapezium ABCD such that AD is twice of BC and AD // BC.



/ 2

5. Each of the students in a class voted for his or her favourite sport.

The bar graph below shows the result.



Each of the statements below is either, true, false or not possible to tell from the information given. For each statement, put a tick ( ) to indicate your answer.

	True	False	Not possible to tell
There are fewer girls than boys in the class.			
Half of the boys in the class chose basketball as their favourite sport.			

/ 2

For questions **6** to **15**, show your working clearly in the space provided for each question 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. (40 marks)

6. Jane had enough money to buy either 8 identical bags or 12 identical dresses.

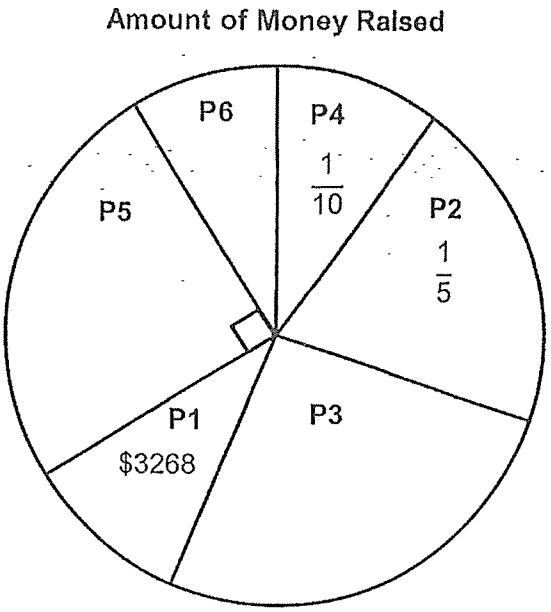
Each bag cost $15.30 more than each dress.

How much money did Jane have?

Ans: $_____ [3]

/ 3

7. The pie chart below shows the amount of money raised by the students in a donation drive.



(a) The students in P1 raised the same amount of money as the students in P4. How much did the students in all 6 levels raise?

Ans: (a) $_____ [1]

(b) What fraction of the amount of money did P3 and P6 students raise altogether?

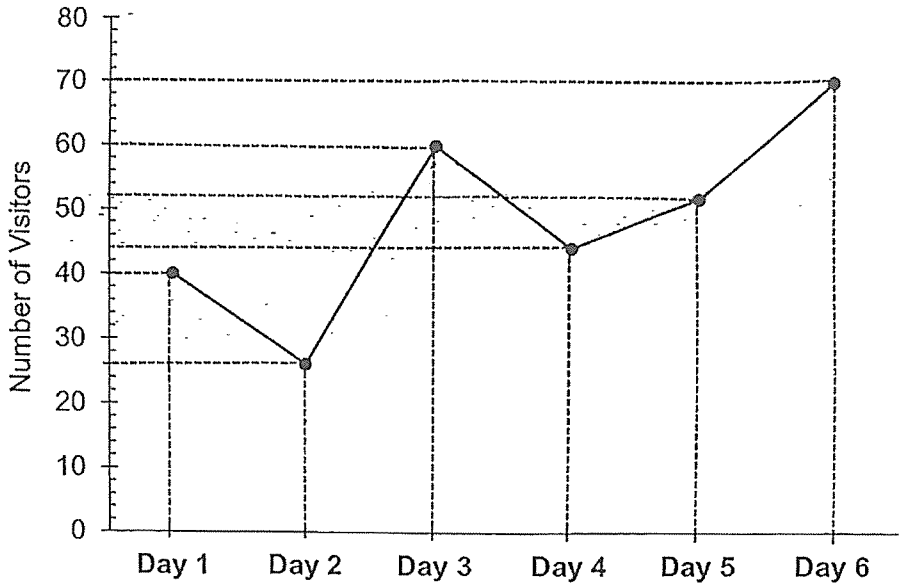
Ans: (b) _____ [1]

(c) The students in P3 raised three times as much as the students in P6.
How much did the students in P6 raise?

Ans: (c) $ _____ [2]

/ 4

8. The line graph below shows the number of visitors at a museum from Day 1 to Day 6. The admission ticket cost $25 per person.



(a) Which day had the least visitors?

Ans: (a) _____ [1]

(b) What was the difference between the money collected on the day with the most visitors and the day with the least visitors?

Ans: (b) $ _____ [2]

/ 3

9. Susan read $\frac{1}{4}$ of a book on Monday. She read $\frac{3}{10}$ of the same book on Tuesday.

On Wednesday, she read $\frac{1}{3}$ of the remaining pages.

156 pages of the book was left unread.

(a) What fraction of the book did she read on Wednesday?

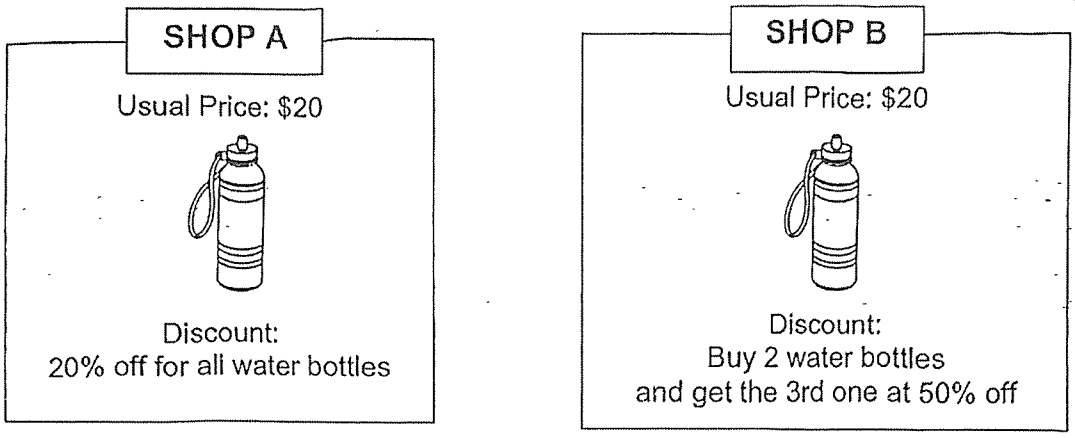
Ans: (a) _____ [2]

(b) How many pages are there in the book?

Ans: (b) _____ [2]

/ 4

10. The usual price of a water bottle sold at Shop A and Shop B was $20.
During a sale, Shop A and Shop B gave different discounts.



(a) Jimmy wants to buy 8 water bottles.
Which shop should he buy the water bottles from in order to save more?

Ans: (a) _____ [3]

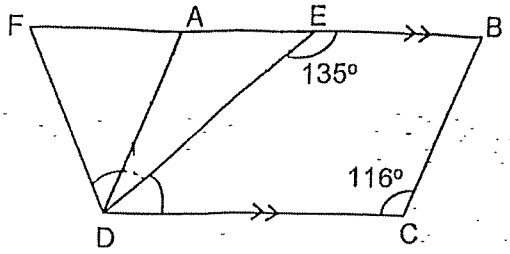
(b) How much more would he save as compared to the other shop?

Ans: (b) $_____ [1]

/ 4

11. ABCD is a parallelogram and BCDF is a trapezium. AD = FD.

$\angle BED = 135^\circ$ and $\angle BCD = 116^\circ$.



(a) Find $\angle DAF$.

Ans: (a) _____ ° [2]

(b) Find $\angle FDE$.

Ans: (a) _____ ° [3]

/ 5

12. Helen saves $0.80 every day. Mary saves $1.10 every day.
Mary started saving 12 days after Helen had started saving.
How many days would it take for Mary to save $3 more than Helen?

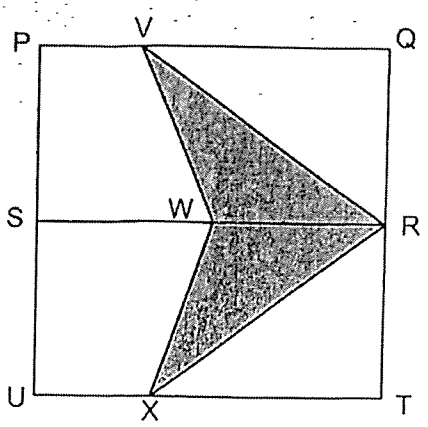
Ans: _____ [3]

/ 3

13. The figure is made up identical rectangles PQRS and SRTU and identical triangles VRW and WRX. The perimeter of the shaded part VRXW is 84 cm and PS = WR.

The perimeter of triangle VRW is $\frac{2}{3}$ of the perimeter of shaded part VRXW.

What is the area of the shaded part?



Ans: _____ cm^2 [4]

/ 4

14. Study the pattern below carefully.

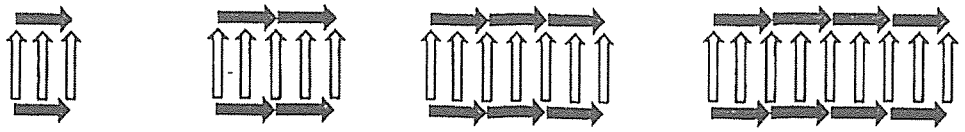


Figure 1 Figure 2 Figure 3 Figure 4

(a) Complete the table below. [1]

Figure Number	1	2	3	4	5
Number of grey arrows	2	4	6	8	(i) _____
Number of white arrows	3	5	7	9	(ii) _____

(b) What is the total number of grey and white arrows in Figure 10?

Ans: (b) _____ [2]

(c) Which figure number has a total of 85 grey and white arrows?

Ans: (c) _____ [2]

/ 5

15. Mrs Lim had 504 fewer roses than sunflowers.

After she sold $\frac{2}{5}$ of the roses and $\frac{3}{4}$ of the sunflowers, she had an equal number of roses and sunflowers left.

(a) How many flowers did Mrs Lim have at first?

Ans: _____ [3]

(b) At the end of the day, Mrs Lim threw away $\frac{1}{3}$ of the remaining flowers as they had wilted. How many flowers had she left?

Ans: _____ [2]

Remember to check your work!
~ End of Paper ~

/ 5

SCHOOL : MAHA BODHI SCHOOL

LEVEL : PRIMARY 5

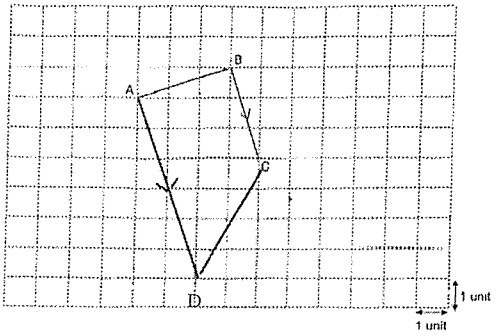
SUBJECT : MATHEMATICS

TERM : 2025 END OF YEAR EXAMINATION

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

19)	17
20)	0.63
21)	1.4 kg
22)	10 × 6 × 7 = 420
23)	54.10 − 19.25 = 34.85 kg
24)	0.25 L
25)	41°
26)	Cities B and C
27)	53 × 2 = 106 134 + 106 = 240 240 + 53 = 293 stickers
28)	49 1 cm cubes
29)	$1.30 × 3 = $3.90 $3.90 + $2.20 = $6.10
30)	74°

PAPER 2

1)	180 x 7/6 = 210 210 + 78 = 288 188/288 = 5/8
2)	$13.80 x 3 = $41.40 $43.70 - $41.40 = $230
3)	24cm ÷ 4 = 6cm 30cm – 6cm = 24cm 6cm x 6cm x 24cm = 864cm3
4)	
5)	True False
6)	$15.30 x 8 = $122.40 $122.40 ÷ 4 = $30.60 $30.60 x 12 = $367.20
7)	a)$3268 x 10 = $32680 b)7/20 c)$32680 x 7/20 = $1438 $11438 ÷ 4 = $2859.50
8)	a)Day 2 b)70 – 26 = 44

	$44 \times \$25 = \$1100$
9)	(a) $1 - \frac{1}{4} - \frac{3}{10} = 1 - \frac{5}{20} - \frac{6}{20} = \frac{9}{20}$ $\frac{9}{20} \times \frac{1}{3} = \frac{9}{60} = \frac{3}{20}$ (b) $156 \div 6 = 26$ $26 \times 20 = 520$
10)	(a) Shop A (b) $\$140 - \$128 = \$12$
11)	(a) $\angle BCD = \angle DAB = 116^\circ$ $\angle DAF = 180^\circ - 116^\circ = 64^\circ$ (b) $\angle AED = 180^\circ - 135^\circ = 45^\circ$ $\angle ADE = 180^\circ - 116^\circ - 45^\circ = 19^\circ$ $\angle FAD = \angle AFD = 64^\circ$ $\angle FDA = 180^\circ - 64^\circ - 64^\circ = 52^\circ$ $\angle FDE = 52^\circ + 19^\circ = 71^\circ$
12)	$0.80 \times 12 = 9.60$ $9.60 + 3 = 12.60$ $1.10 - 0.80 = 0.30$ $12.60 \div 0.30 = 42$days
13)	84 cm $\times \frac{2}{3} = 56$ cm 56 cm $\times 2 = 112$ cm 112 cm $- 84$ cm $= 28$ cm 28 cm $\div 2 = 14$ cm $= \mathrm{WR} = \mathrm{PS} = \mathrm{SU} = \mathrm{QR} = \mathrm{RT}$ 14 cm $\times 14$ cm $\div 2 = 98$ cm^2 98 cm$^2 \times 2 = 196$ cm^2
14)	(a) i) 10 ii) 11

	b)10 – 1 = 9 9 x 2 = 18 18 + 2 = 20 18 + 3 = 21 20 + 21 = 41 arrows c)85 – 3 – 2 = 80 80 ÷4 = 20 20 + 1 = figure 21
15)	a)1224 flowers b)288