Name: _____( )

Class: Primary 5 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 5 Mathematics

2025 End - Year Assessment

Paper 1

Booklet A

24 October 2025

18 questions
26 marks

Total Time for Booklets A and B: 1 hour 10 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet.
The use of calculators is **NOT** allowed.

This booklet consists of 14 printed pages.

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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). Shade the correct oval (1, 2, 3, or 4) on the Optical Answer Sheet.

(26 marks)

---

1. Which of the following is five hundred and three thousand and ten in numerals?

   (1) 50 310

   (2) 500 310

   (3) 503 010

   (4) 530 010

2. Which of the following is a common multiple of 6 and 9?

   (1) 12

   (2) 15

   (3) 27

   (4) 36

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3. Which of the following is equal to $4\frac{5}{6}$?

(1) $\frac{20}{6}$

(2) $\frac{26}{6}$

(3) $\frac{29}{6}$

(4) $\frac{45}{6}$

4. What is the missing number in the box?

$$2.817 = 2 + 0.8 + \boxed{\ ?\ }$$

(1) 17

(2) 1.7

(3) 0.17

(4) 0.017

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5. A machine takes 2 min to print 5 posters.
At the same rate, how long will it take to print 30 posters?

(1) 6 min

(2) 12 min

(3) 3 min

(4) 15 min

6. A pole was 320 cm long. Mr Keong painted 80 cm of the pole blue. What percentage of the pole was painted blue?

(1) 20%

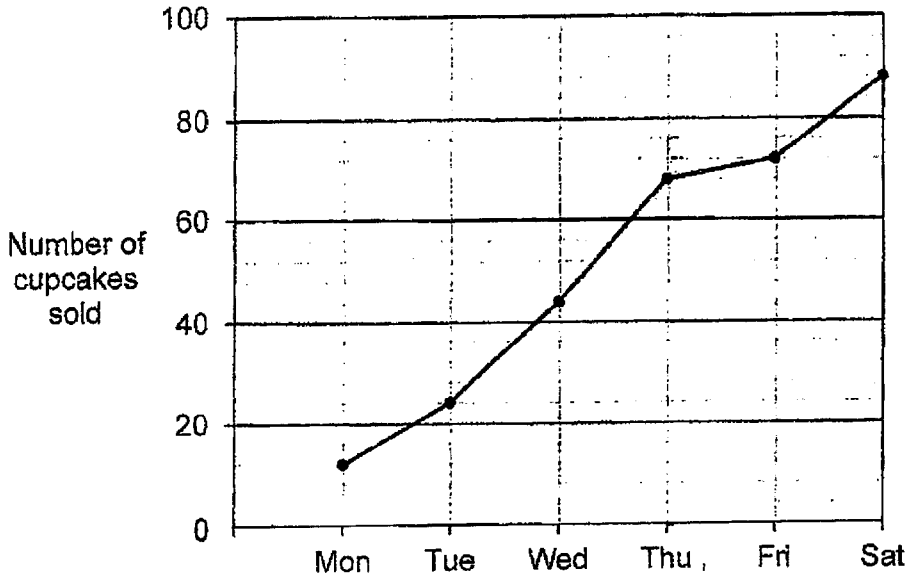
(2) 25%

(3) 75%

(4) 80%

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7. The graph shows the number of cupcakes sold from Monday to Saturday.



How many cupcakes were sold on Thursday?

(1) 62

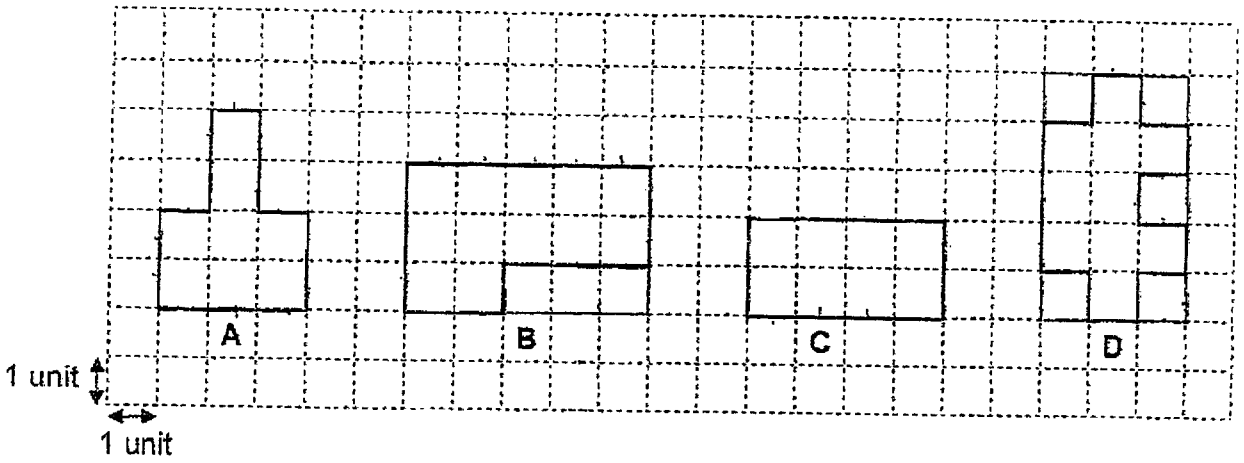
(2) 64

(3) 66

(4) 68

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8. Which figure has the largest perimeter?



(1) A

(2) B

(3) C

(4) D

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9. Teck was in office from 9:00 am to 5:00 pm yesterday. How many hours was he in office?

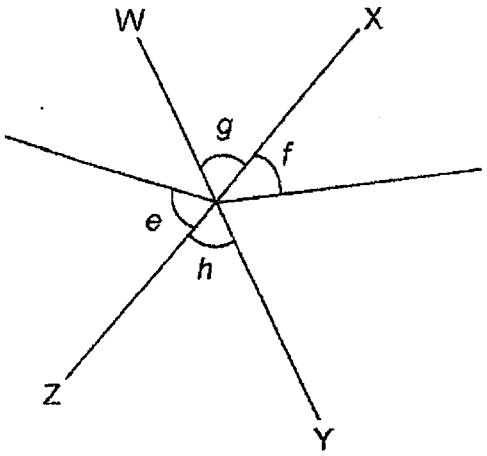
(1) 9 h

(2) 8 h

(3) 7 h

(4) 6 h

10. In the figure, WY and XZ are straight lines. Which two angles are equal?



(1) $\angle e$ and $\angle f$

(2) $\angle e$ and $\angle g$

(3) $\angle f$ and $\angle h$

(4) $\angle g$ and $\angle h$

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11. Round 11.685 to 2 decimal places.

(1) 11.60

(2) 11.68

(3) 11.69

(4) 11.70

12. The price of a dining set was $4500, without GST. Mdm Kek bought the dining set and had to pay 9% GST. What was the price of the dining set including GST?

(1) $405

(2) $500

(3) $4095

(4) $4905

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13. The table shows the prices of tickets for a tour.

Types of Tickets	Price
Adult	$28
Child	$15
Package (1 adult and 1 child)	$39

Mr Raj bought tickets for 6 adults and 4 children for the tour. What was the least amount that he could have paid?

(1) $212

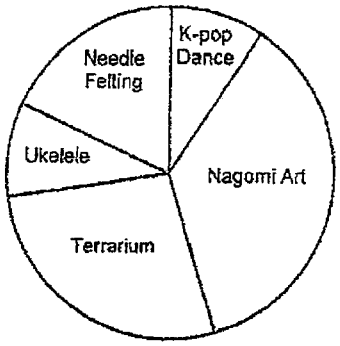
(2) $228

(3) $234

(4) $430

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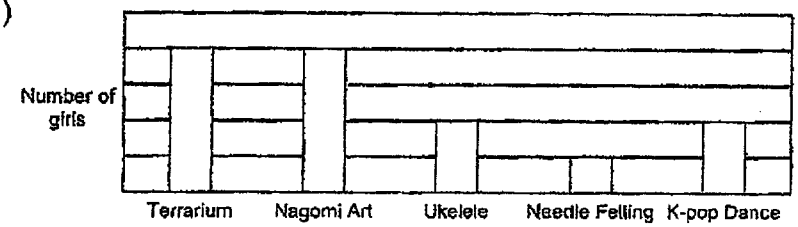
14. The pie chart shows the types of activities that a class of P5 girls have signed up.



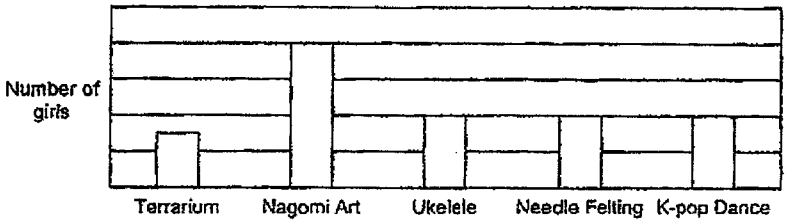
The number of girls who signed up for Ukelele was the same as the number of girls who signed up for K-pop Dance.

Which bar graph best represents the information in the pie chart?

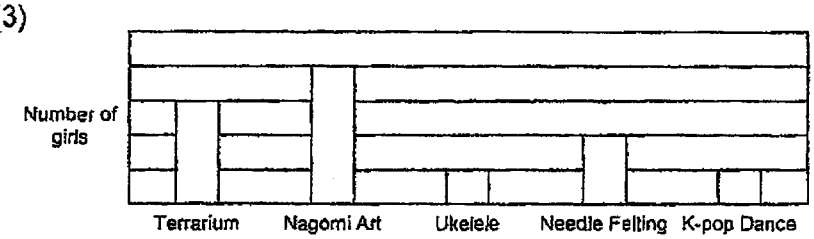
(1)



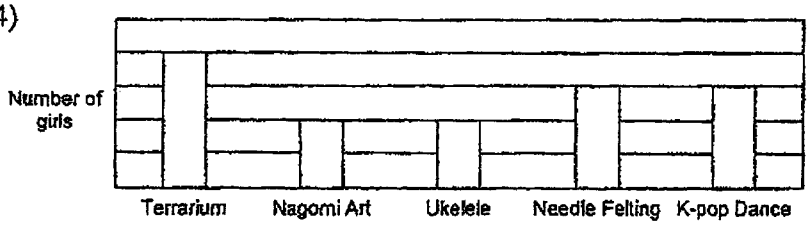
(2)



(3)

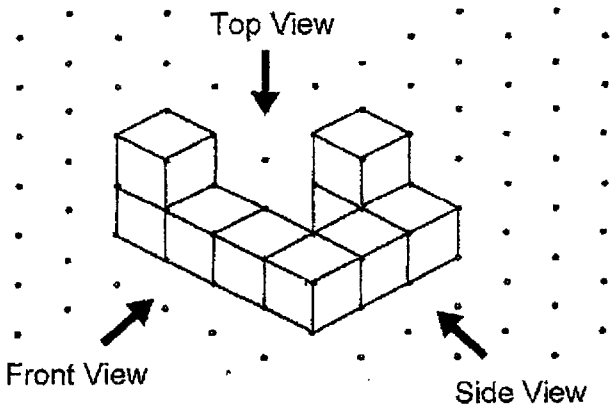


(4)



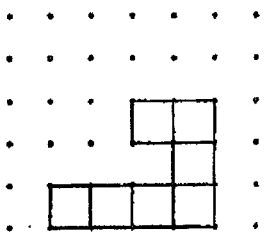
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15. Nine cubes are stacked to form the solid.

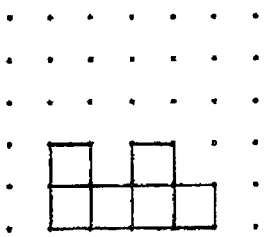


Which of the following is the front view of the solid?

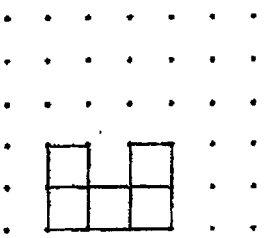
(1)



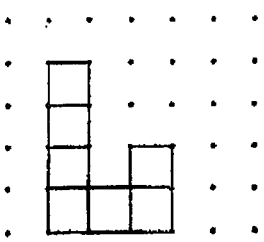
(2)



(3)

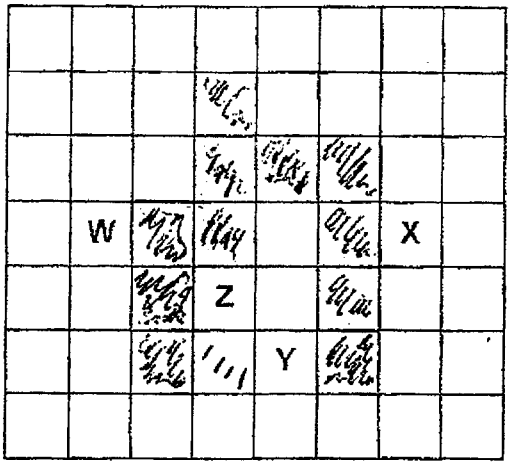


(4)



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16. Which two squares should be shaded to form a symmetrical figure?



(1) X and Y

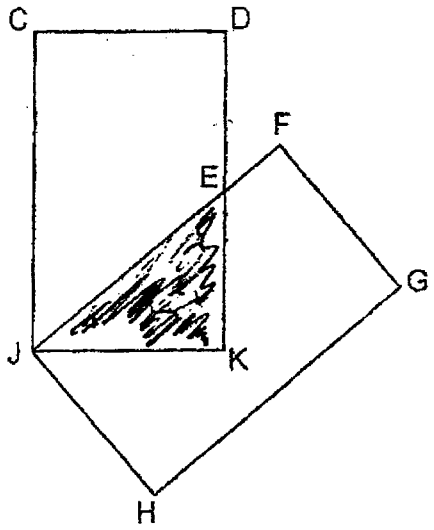
(2) Y and Z

(3) W and Y

(4) W and Z

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17. Two identical rectangles, CDKJ and JFGH, form the figure as shown. The rectangles overlap. DE = EK. What fraction of the figure is shaded?



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

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

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

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

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18. Deon and Layla saved some money over two weeks. In the first week, Deon saved $16 more than Layla. In the second week, Deon saved another $25 while Layla saved another $20. At the end of the two weeks, Deon saved $\frac{3}{5}$ of the total amount of money. How much money did Layla save?

(1) $21

(2) $42

(3) $58

(4) $63

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Name: _____ ( )

Class: Primary 5 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 5 Mathematics

2025 End - Year Assessment

Paper 1

Booklet B

24 October 2025

Booklet A	**26**
Booklet B	**24**
Total (Paper 1)	**50**

12 questions
24 marks

Total Time for Booklets A and B: 1 hour 10 minutes

INSTRUCTIONS TO CANDIDATES

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This booklet consists of 8 printed pages.

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Questions **19** to **30** 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. (24 marks)

Do not write in this space

19. Three distances are given below.

1.4 km	$1\frac{1}{2}$ km	1 km 44 m

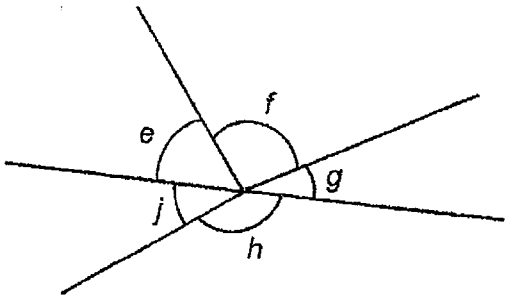
(a) Which is the shortest?

Ans : (a) _____

(b) Which is the longest?

Ans : (b) _____

20.



(a) Name the smallest angle.

Ans : (a) ∠_____

(b) Name the two angles that are greater than 90°.

Ans : (b) ∠____ and ∠____

MARKS:

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21. (a) Find the value of 1.9 x 80

Do not write in this space

Ans : (a) _____

(b) Ethel had 7.01 kg of flour at first. She used 320 g of it. How many kilograms of flour was left?

Ans : (b) _____ kg

22. Zarina wanted to multiply a number by 45. Instead, she multiplied it by 54 and obtained an answer that was 918 more than the correct answer. What was the number?

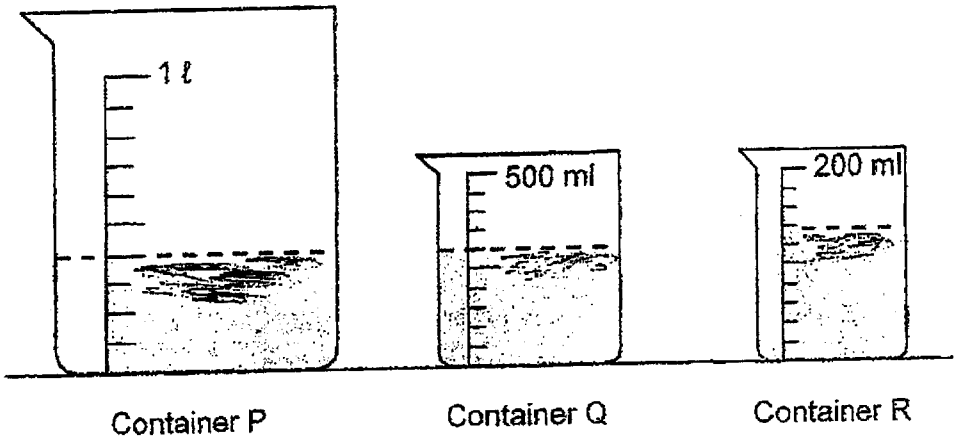
Ans : _____ _____

MARKS: [ ]

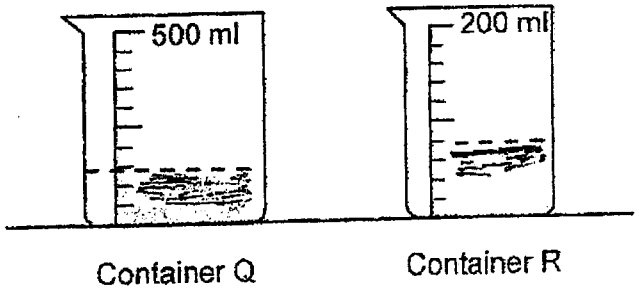
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23. At first, Containers P, Q and R contained water as shown below.

Do not write in this space



Some water from Q and R was poured into P without any spilling over. The amount of water left in Q and R is shown below.



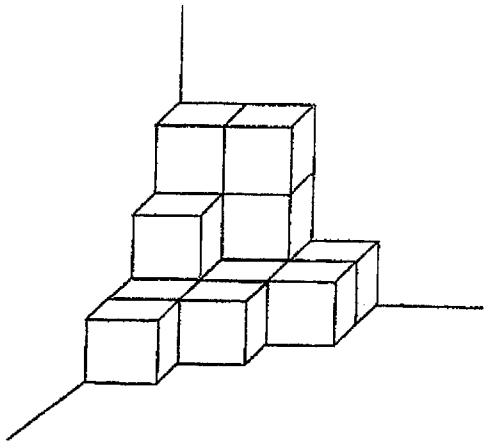
What would be the amount of water in P?

Ans : _____ ml

MARKS:

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24. (a) How many cubes are there in the solid figure?



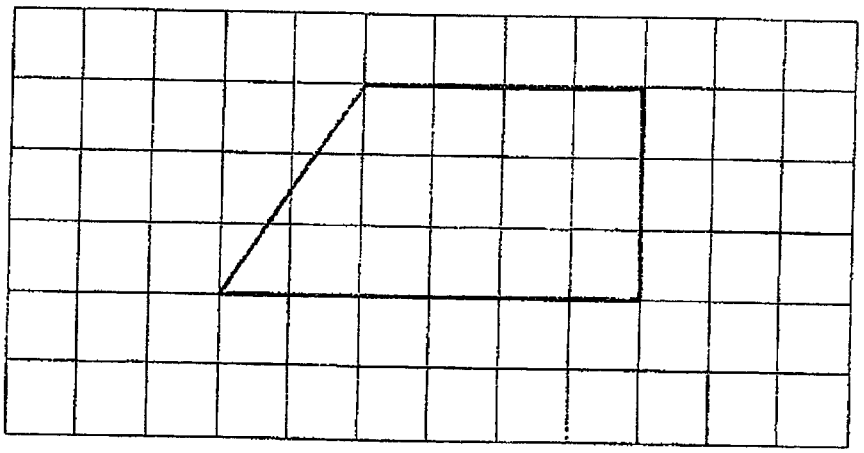
Ans : (a) _____

(b) Imran added some more cubes to the solid figure to form a bigger cube. What was the least number of cubes he used?

Ans : (b) _____

25. A trapezium is drawn in the square grid below. Siva wants to cut two identical isosceles triangles and a right-angled triangle from the trapezium.

Draw line(s) on the trapezium to show where Siva has to cut.



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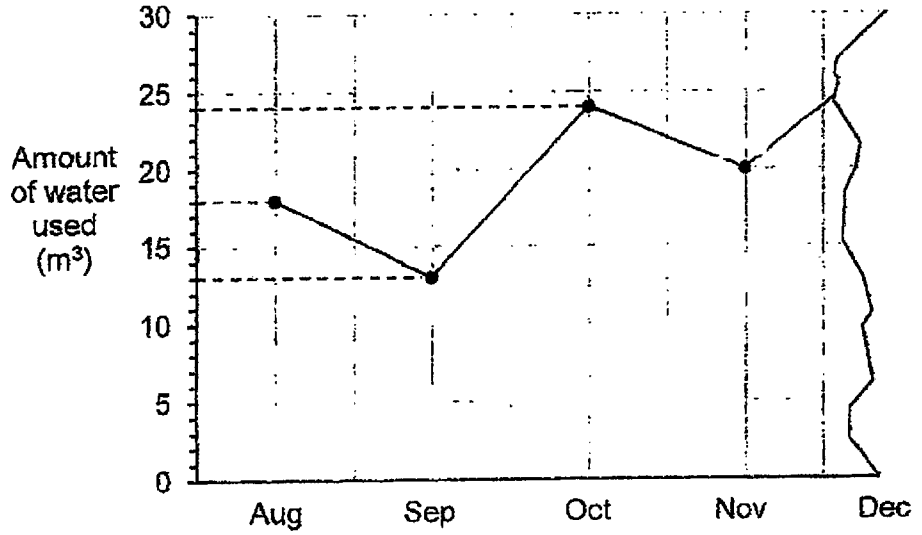
MARKS:

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*Use the information below to answer questions **26** and **27**.*

Do not write in this space

The graph shows the amount of water used by the Situ family each month from August to November. The part of the graph that shows the amount of water used in December was accidentally torn.



26. Write down all the months in which the Situ family used less than 20 m^3 of water.

Ans : _____

27. The Situ family used a total of 103 m^3 of water from August to December. How much water did the Situ family use in December?

Ans : _____ m^3

MARKS: [ ]

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28. There were 250 chairs in Hall A and Hall B altogether. 64% of the chairs were in A and the rest were in B. Some chairs were then moved from A to B so that both halls had the same number of chairs. How many chairs were moved from A to B?

Do not write in this space

Ans : _____

29. Nisha had $10.40. She could use all her money to buy either 4 highlighters and 2 pens or 2 highlighters and 5 pens. Find the price of a pen.

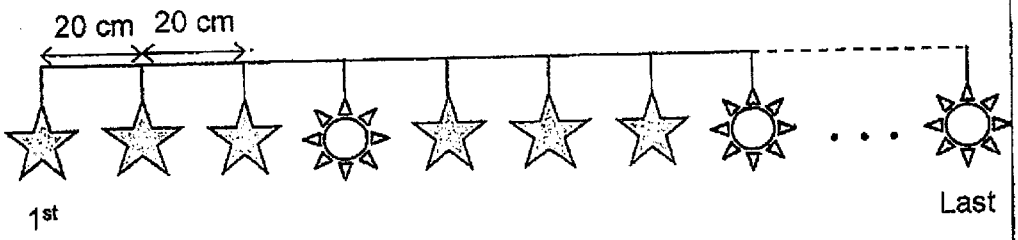
Ans : $_____

MARKS: ☐

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30. Some hanging lights were used for a decoration. All the hanging lights were placed at an equal distance apart from each other. One white hanging light was placed after every three grey hanging lights as shown.

Do not write in this space



The distance between the 1st and the last hanging light was 380 cm. How many white hanging lights were there?

Ans : _____

End of Paper 1

MARKS:

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Name: _____ ( )

Class: Primary 5 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 5 Mathematics

2025 End - Year Assessment

Paper 2

24 October 2025

Paper 1	50
Paper 2	50
Total Marks	100

_____

Parent's/Guardian's Signature

Time : 1 hour 20 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet
The use of an approved calculator is expected, where appropriate.

This booklet consists of 15 printed pages.

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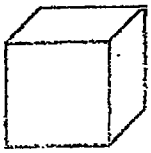
Questions **1** to **5** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

Do not write in this space

1. Harper bought 36 glue sticks that cost $2.65 each. She had $11.80 left.
   How much money did Harper have at first?

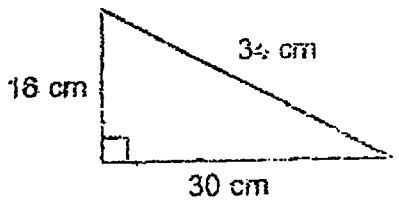
Ans : $_____

2. (a) What is the volume of the cube shown below?



Ans : (a) _____ cm^3

(b) The figure shows a right-angled triangle. Find the area of the triangle.



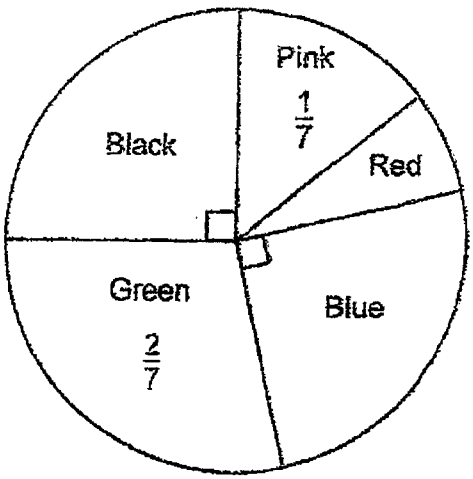
Ans : (b) _____ cm^2

MARKS: ____

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3. A team of 56 members were asked to choose a colour for their CCA T-shirt. Each member chose one colour. The pie chart shows their choices.

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How many members chose red for their CCA T-shirt?

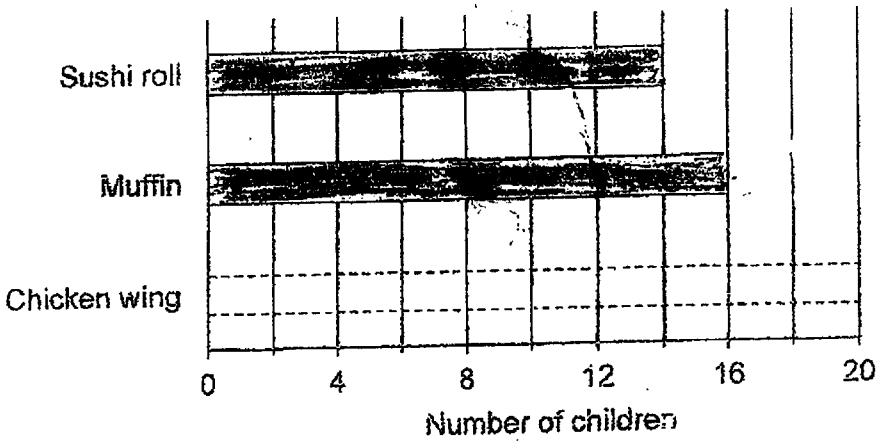
Ans : _____

MARKS: ☐

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4. A group of children were asked to choose their favourite party food. The bar graph represents the children's choices. The bar graph for chicken wing has not been drawn.

Do not write in this space



$\frac{3}{8}$ of the children chose chicken wings as their favourite party food. How many children chose chicken wings?

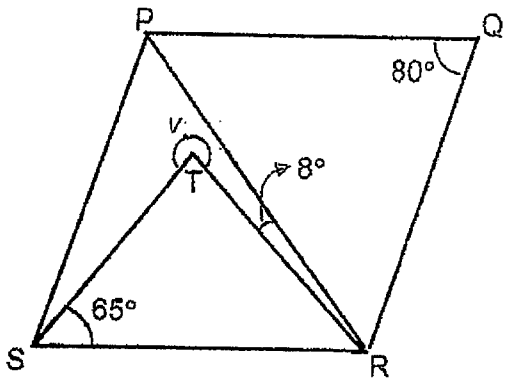
Ans : _____

MARKS: ____

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5. PQRS is a rhombus. $\angle PRT = 8°$, $\angle PQR = 80°$ and $\angle RST = 65°$. Find $\angle v$.

Do not write in this space



Ans : _____ °

MARKS:

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For questions **6** to **15**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question. (40 marks)

Do not write in this space

6. Ke Xin bought some files. The files cost $167.50 before discount. She was given a discount of 8% for the files.

(a) How much did Ke Xin pay for the files after the discount?

Ans : (a) _____ [1]

(b) How much did Ke Xin save from the discount?

Ans . (b) _____ _____ [1]

(c) With the amount of money she saved, Ke Xin bought 4 identical notepads. How much did each notepad cost?

Ans : (c) _____ [1]

MARKS: ____

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7. Mrs Chiam baked some cookies in the morning. $\frac{5}{9}$ of the cookies were chocolate cookies. The number of chocolate cookies was twice the number of raisin cookies. The rest of the cookies were butter cookies.

Do not write in this space

(a) What fraction of the cookies Mrs Chiam baked were raisin cookies?

Ans : (a) _____ [1]

(b) Mrs Chiam gave 30 butter cookies to her mother. She then baked another 42 butter cookies in the afternoon. There were 105 butter cookies in the end. How many cookies did Mrs Chiam bake in the morning?

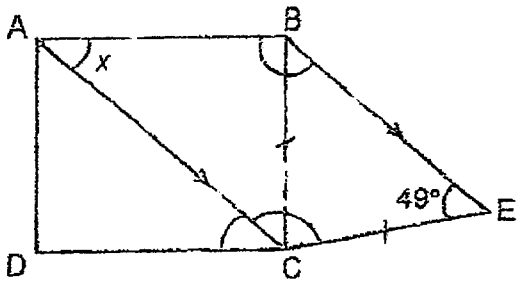
Ans : (b) _____ [2]

MARKS

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8. ABCD is a rectangle and BCE is a triangle. BC = CE. AC // BE and ∠BEC = 49°.

Do not write in this space



(a) Find ∠x.

Ans : (a) _____ [2]

(b) Each of the statements below is either true, false or not possible to tell from the information given. Put a tick (✓) to indicate your answer.

Statement	True	False	Not possible to tell
∠ACD = 45°			
∠ABE = ∠ACE			

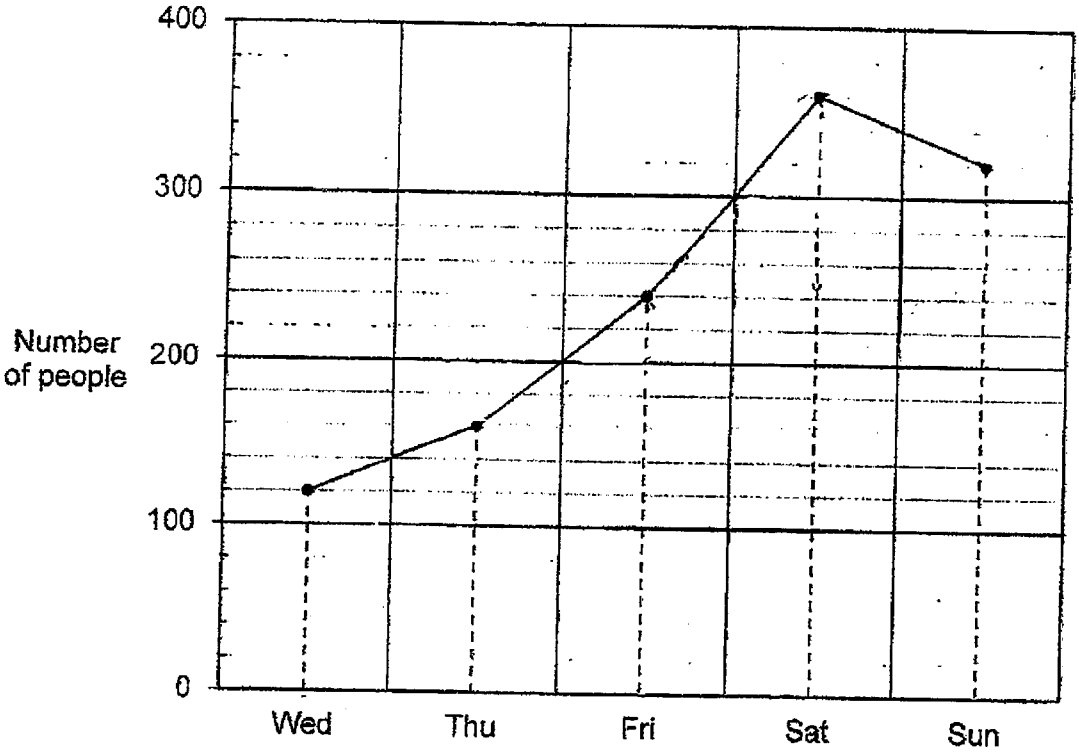
[1]

MARKS: ☐

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9. The graph shows the number of people who attended a musical performance from Wednesday to Sunday.

Do not write in this space



(a) Find the greatest increase in the number of people who attended the musical performance from Wednesday to Saturday.

Ans : (a) _____ [1]

(b) A total of $18 200 was collected from the sale of tickets on Saturday and Sunday. The price of a ticket on Saturday was thrice the price of a ticket on Sunday. What was the price of a ticket on Saturday?

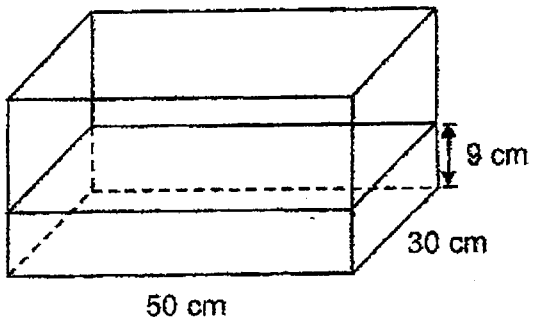
Ans : (b) _____ [3]

MARKS:

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10. A rectangular tank measuring 50 cm by 30 cm was filled with water to a height of 9 cm.

Do not write in this space



(a) How much water was in the tank?

Ans : (a) _____ [1]

(b) Mr Pang then poured 9.6 ℓ of water into the tank until it was $\frac{5}{7}$ full. How much more water was needed to fill the tank completely without overflowing?

Ans : (b) _____ [3]

MARKS: ____

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11. The table shows the charges for bicycle rental.

Do not write in this space

Days	Time	Charges
Monday to Friday	08 00 to 18 00	$7 per hour
	18 00 to 20 00	$9 per hour
Saturday and Sunday	08 00 to 20 00	$10 per hour

(a) Leroy rented two bicycles from 6:00 pm to 8:00 pm on Sunday. How much did he pay?

Ans : (a) _____ [1]

(b) On Thursday, Mr Azman rented a bicycle and returned it at 7:00 pm. He paid a total of $58. What was the earliest time Mr Azman rented the bicycle?

Ans : (b) _____ _____ [3]

MARKS:

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12. Travis had some balloons at first. After using 165 balloons to decorate the hall, he used $\frac{7}{9}$ of the remaining balloons to decorate the parade square. In the end, he had $\frac{1}{12}$ of his balloons left.

Do not write in this space

(a) How many balloons did Travis use to decorate the parade square?

Ans . (a) _____ [3]

(b) How many balloons did Travis have at first?

Ans : (b) _____ [1]

MARKS: ____

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13. A stack of 11 identical flower pots were arranged as shown in Figure 1.
Figure 2 shows the remaining flower pots after 3 flower pots were removed.

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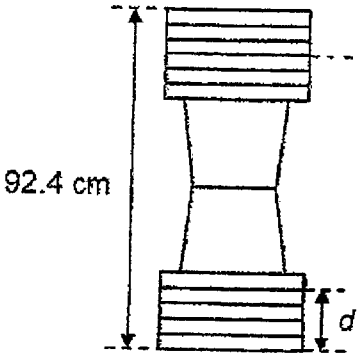


Figure 1

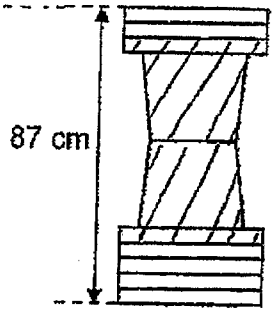
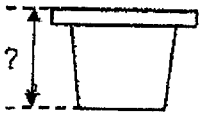


Figure 2



Flower pot

(a) What is the height of *d*?

Ans : (a) _____ [2]

(b) What is the height of one flower pot?

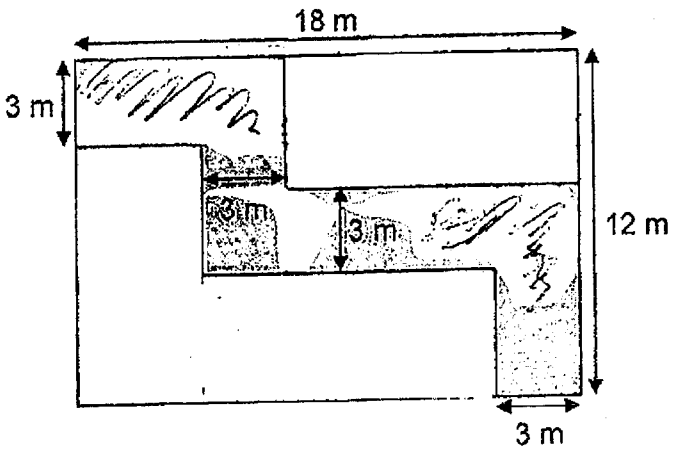
Ans : (b) _____ [3]

MARKS: ☐

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14. A rectangular plot of land is divided into three parts as shown. The shaded part has an equal width of 3 m.

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(a) Mr Weng wants to fence the shaded part of the land. The cost of fencing is $4.15 per metre. How much does Mr Weng need to pay for the fencing?

Ans : (a) _____ [2]

(b) Find the area of the shaded part.

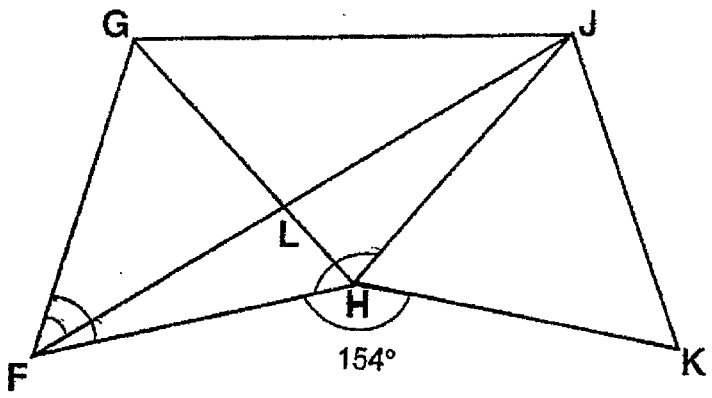
Ans : (b) _____ _____ [3]

MARKS: ____

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15. In the figure, FGH and HJK are identical equilateral triangles.
FLJ is a straight line and ∠FHK = 154°.

Do not write in this space



(a) Find ∠GFJ.

Ans : (a) _____ [2]

(b) Find ∠JLG.

Ans : (b) _____ [2]

(c) In the statement, circle the words that describe FGJH :

FGJH (**is** / **is not**) a parallelogram because
∠GFH and ∠JHF (**do** / **do not**) add up to 180°.

[1]

The End

MARKS: ☐

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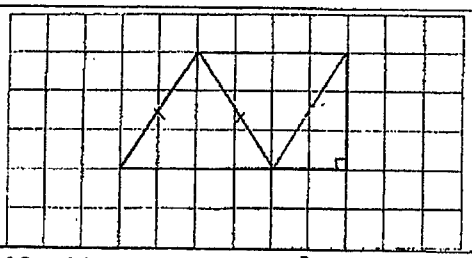
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YEAR : 2025
LEVEL : PRIMARY 5
SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : END - YEAR ASSESSMENT

(BOOKLET A)

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

(BOOKLET B)

Q19	(a) 1km 44m (b) $1\frac{1}{2}$km	Q20	(a) ∠g (b) ∠f and ∠h
Q21	(a) 1.90 x 80 = 152 (b) 7.01kg – 320g = 6.69kg	Q22	54 – 45 = 9 918 ÷ 9 = 102
Q23	300 ml – 150ml = 150ml 140ml – 80ml = 60ml 400ml + 150ml + 60ml = 610ml	Q24	(a) 1st layer : 2 2nd layer : 3 3rd layer : 9 2 + 3 + 9 = 14 (b) 4 x 4 x 4 = 64 64 – 14 = 50
Q25		Q26	August, September
Q27	18 + 13 + 24 + 20 = 75m^3 103 – 75 = 28m^3	Q28	$\frac{64}{100}$ x 250 = 160 250 ÷ 2 = 125 160 – 125 = 35
Q29	3P → 2H 4H + 2P → $10.40 6P + 2P → $10.40 8P → $10.40 1P → $10.40 ÷ 8 = $1.30	Q30	380 ÷ 20 = 19 19 + 1 = 20 1 set → 3G + 1W → 4 lights 20 ÷ 4 = 5 5 x 1 = 5 5 x 1 = 5 (white)

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PAPER 2

Q1	36 glue sticks → \$2.65 x 36 = \$95.40 (95.40 + \$11.80 = \$107.20	Q2	(a) Vol. of cube = 7cm x 7cm x 7cm 343cm^3 (b) Area of Triangle → $\frac{1}{2}$ x 16 x 30 = 240cm^2
Q3	$\frac{1}{2} - \frac{1}{7} - \frac{2}{7} = \frac{1}{14}$ $\frac{1}{14}$ x 56 = 4	Q4	$1 - \frac{3}{8} = \frac{5}{8}$ $\frac{5}{8}$ → 14 + 16 = 30 $\frac{1}{8}$ → 30 ÷ 5 = 6 $\frac{3}{8}$ → 6 x 3 = 18
Q5	(180 – 80) ÷ 2 = 50 50 – 8 = 42 180 – 42 – 65 = 73 360 – 73 = 287°	Q6	(a) 100% - 8% = 92% $\frac{92}{100}$ x \$167.50 = \$154.10 (b) $\frac{8}{100}$ x \$167.50 = \$13.40 (c) 4 notepads → \$13.40 1 notepad → \$13.40 ÷ 4 = \$3.35
Q7	(a) $\frac{Raisin}{Total} = \frac{5}{18}$ (b) 105 – 42 = 63 3u → 63 ÷ 30 = 93 18u → 93 x 6 = 558	Q8	(a) 90 + 49 = 139 180 – 139 = 41° (b) ∠ACD = 45° — False ∠ABE = ∠ACE — False
Q9	(a) 360 – 240 = 120 (b) 360 x 3 = 1080 1080 + 320 = 1400 Sun → 320 x \$1 unit = \$320 units Total → \$1080 units + 320 units = 1400 units 1400 units → 18200 1 unit → 18200 ÷ 1400 = 13 3 units → \$3 x 13 = \$39	Q10	(a) Vol. of water = 50cm x 30cm x 9cm = 13500cm^3 (b) 13500 = 13500ml = 13.5L 13.5L + 9.6L = 23.1L $\frac{5}{7}$ → 23.1L $\frac{1}{7}$ → 23.1 ÷ 5 = 4.62L $1 - \frac{5}{7} = \frac{2}{7}$ $\frac{2}{7}$ → 4.62 x 2 = 9.24L
Q11	(a) \$10 x 2 = \$20 \$20 x 2 = \$40 (b) \$58 - \$9 = \$49 49 ÷ 7 = 7 7 + 1 = 8 8 x 1h = 8h 8h before 7pm is 11am Ans: 11 o	Q12	(a) $\frac{1}{12}$ of total = 2 units $\frac{12}{12}$ of total = 2u x 12 = 24 units 24 units – 9 units = 15 units 15 units = 165 1 units = 165 ÷ 15 = 11 7 units = 11 x 7 = 77 (b) 24u = 11 x 24 = 264
Q13	(a) 3 flower pots → 92.4cm - 87cm = 5.4cm 1 flower pot → 5.4 ÷ 3 = 1.8cm 4 flower pot → 1.8 x 4 = 72.6cm	Q14	(a) Perimeter of shaded part = 18 x 2 + 12 x 2 = 60m \$4.15 x 60 = \$249 (b) 18 x 12 = 216 15 x 9 = 135

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	(b) 8 flower pots → 1.8 x 8 = 14.4cm 2 flower pots → 87 – 14.4 = 72.6cm 1 flower pot → (72.6cm ÷ 2) + 1.8 = 38.1cm		216 – 135 = 81 (18 x 3)m^2 = 54m^2 (12 – 3)m x 3 = 27 (54 + 27) = 81m^2
Q15	(a) 180 ÷ 3 = 60 360 – 154 = 146 (180 – 146) = 17 60 – 17 = 43° (b) GHJ = 360 – 60 x 2 – 154 = 86 HGJ = HJG 180 – 86 ÷ 2 = 47 47 – 17 = 30 JLG = 180 – 47 – 17 = 103° (c) FGJH is not a parallelogram ∠GFH and ∠JHF do not add up to 180° GFH = 43 + 17 = 60 JHF = 146 146 + 60 = 206°		

END

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