ROSYTH SCHOOL
2025 END-OF-YEAR EXAMINATION
MATHEMATICS
PRIMARY 5
PAPER 1

Name: _____ Register No. _____

Class: Pr 5 - _____

Date: 28 October 2025 Parent's Signature: _____

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

BOOKLET A

Instructions to Pupils:

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 on the Optical Answer Sheet (OAS).
5. The use of calculators is **NOT** allowed.

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet A)	26	

* This booklet consists of 10 pages (including this cover page).

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

All diagrams in this paper are not drawn to scale unless stated otherwise.

(26 marks)

1. What is the value of the digit 7 in 870 005?

   (1) 70
   (2) 700
   (3) 7000
   (4) 70 000

2. Arrange these fractions from the smallest to the largest.

$$\frac{8}{7}, \quad \frac{11}{10}, \quad 1\frac{1}{3}$$

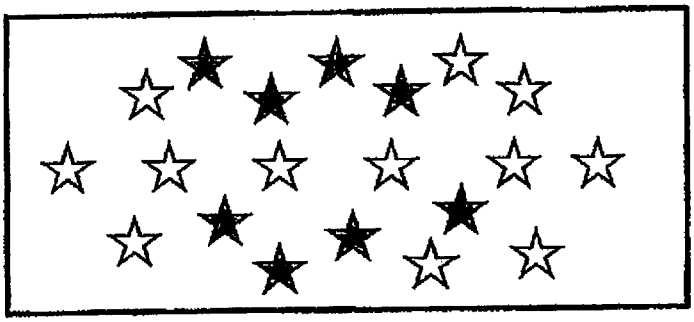
	Smallest		Largest
(1)	$1\frac{1}{3}$,	$\frac{8}{7}$,	$\frac{11}{10}$
(2)	$\frac{8}{7}$,	$1\frac{1}{3}$,	$\frac{11}{10}$
(3)	$\frac{11}{10}$,	$1\frac{1}{3}$,	$\frac{8}{7}$
(4)	$\frac{11}{10}$,	$\frac{8}{7}$,	$1\frac{1}{3}$

3. Find the value of 459 ÷ 3000.

   (1) 0.153
   (2) 1.53
   (3) 15.3
   (4) 153

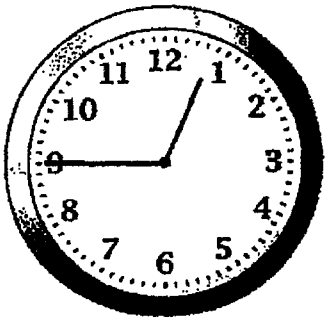
(Go on to the next page)

4. What percentage of the 20 stars is shaded?



(1) 8%
(2) 40%
(3) 50%
(4) 60%

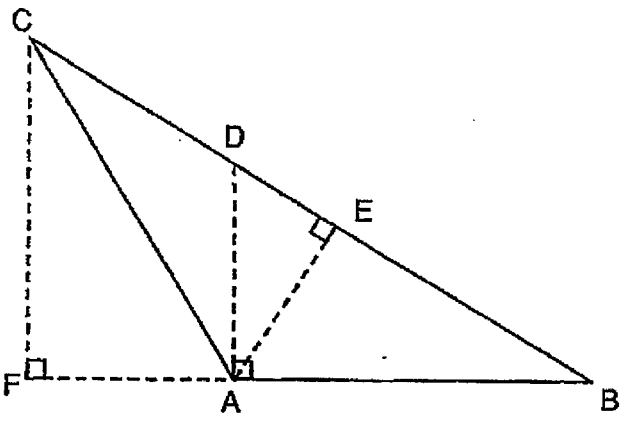
5. What is 20 minutes after the time shown on the clock?



(1) 12 05
(2) 12 25
(3) 13 05
(4) 13 25

(Go on to the next page)

6. In the figure below, ABC is a triangle. Identify the height of ABC when BC is the base.



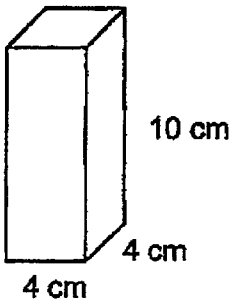
(1) AD

(2) AE

(3) CA

(4) CF

7. A wooden block of height 10 cm has a square base of side 4 cm. What is its volume?



(1) 18 cm^3

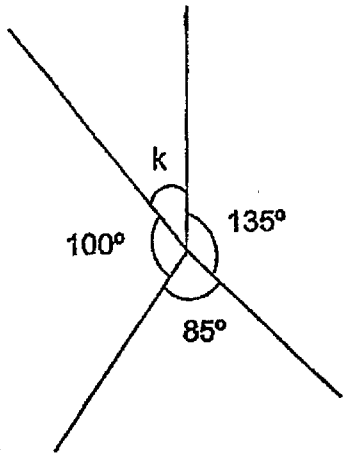
(2) 40 cm^3

(3) 80 cm^3

(4) 160 cm^3

(Go on to the next page)

8. In the figure below, find the value of $\angle k$.



(1) 40°
(2) 45°
(3) 80°
(4) 85°

9. The table shows the number of members in the Mathematics Club from 2022 to 2025.

Year	Number of boys	Number of girls
2022	13	12
2023	12	14
2024	14	11
2025	11	13

In which year did the club have the greatest number of members?

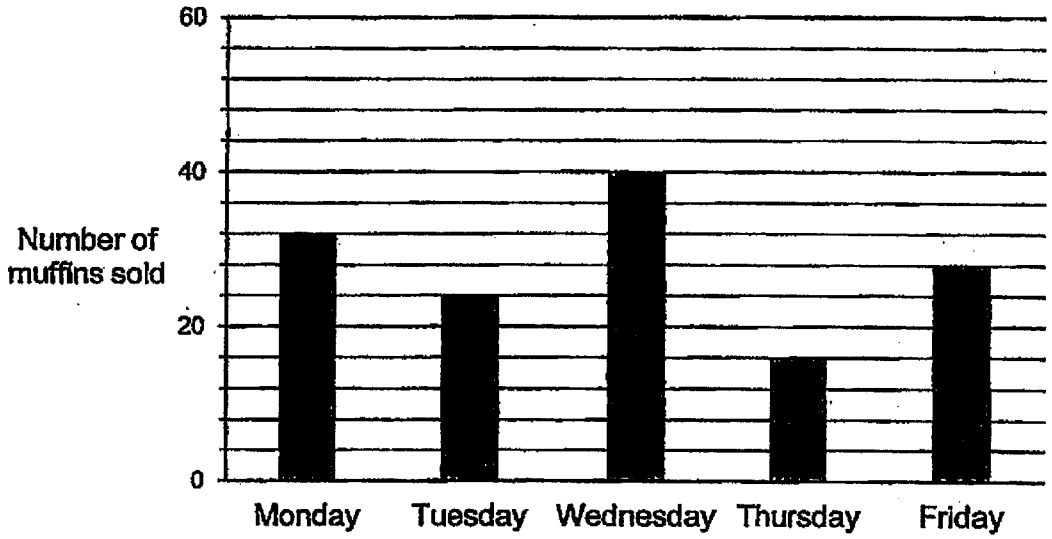
(1) 2022
(2) 2023
(3) 2024
(4) 2025

(Go on to the next page)

10. Which of the following is a common factor of 18 and 48?

(1) 8
(2) 9
(3) 3
(4) 4

11. The graph shows the number of muffins sold from Monday to Friday.

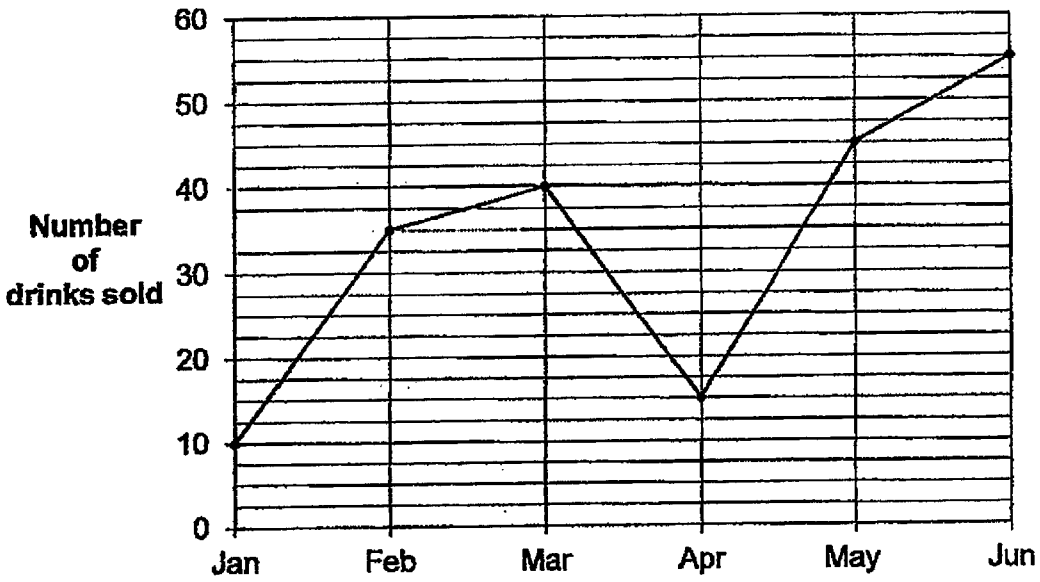


The total number of muffins sold on 2 days is equal to the number of muffins sold on Wednesday. What are these 2 days?

(1) Tuesday and Thursday
(2) Monday and Thursday
(3) Tuesday and Friday
(4) Thursday and Friday

(Go on to the next page)

12. The line graph shows the number of drinks sold by XYZ Stall from January to June.



Which 1-month period was there the **greatest** increase in the number drinks sold?

(1) Jan to Feb
(2) Feb to Mar
(3) Apr to May
(4) May to June

13. Tony had exactly enough money to buy 3 oranges and 5 peaches. He used all his money to buy 3 oranges, 2 peaches and 6 apples instead. Each apple cost $1.40. Find the cost of 2 peaches.

(1) $14.00
(2) $8.40
(3) $5.60
(4) $2.80

(Go on to the next page)

14. Two toy boats, Sailor and Turbo, competed in a race. Each toy boat travelled at the same rate throughout the race. Figure 1 and Figure 2 show the distance travelled by Sailor and Turbo for the first 5 seconds respectively.

Figure 1 – Sailor

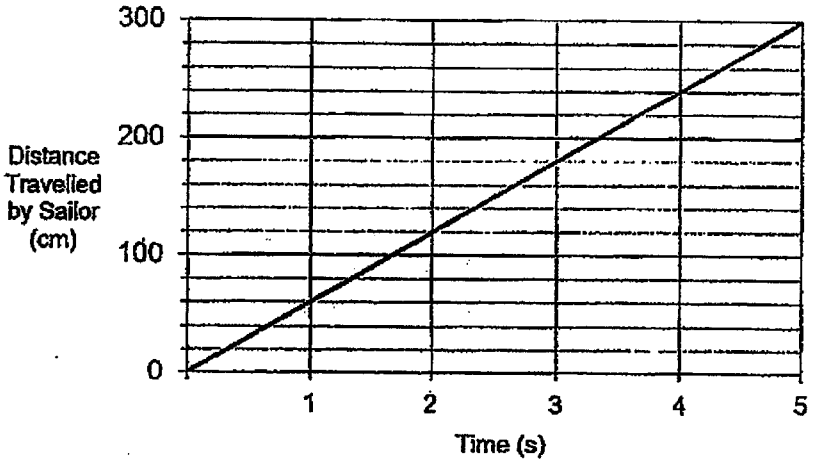
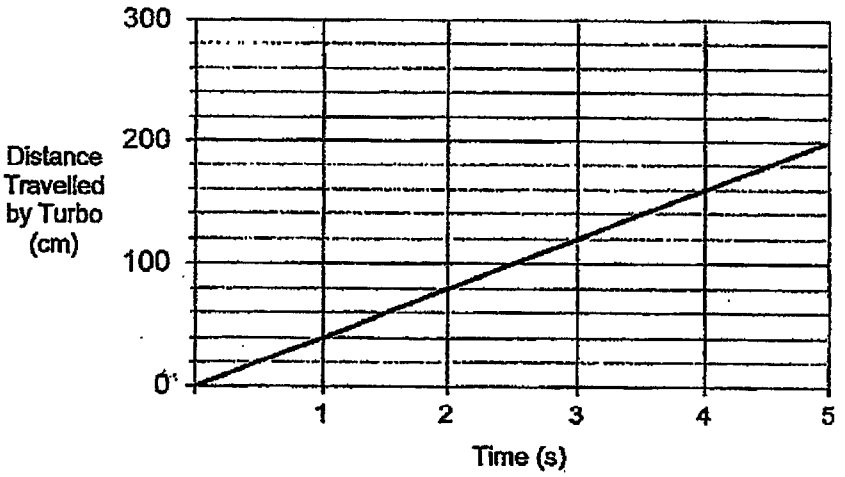


Figure 2 – Turbo



Sailor completed the race in 12 s. How far was Turbo away from Sailor when Sailor reached the finish line?

(1) 100 cm

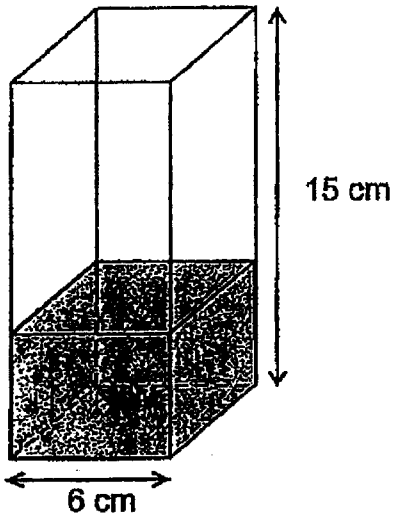
(2) 240 cm

(3) 480 cm

(4) 720 cm

(Go on to the next page)

15. A container has a square base of side 6 cm and a height of 15 cm. It is $\frac{1}{3}$ filled with water. How much more water is needed to fill the container to half of its capacity?



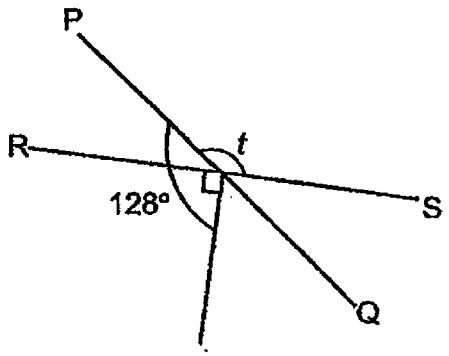
(1) 90 cm^3

(2) 180 cm^3

(3) 270 cm^3

(4) 360 cm^3

16. In the figure, PQ and RS are straight lines. $\angle PXY$ is 128°. Find $\angle t$.



(1) 52°

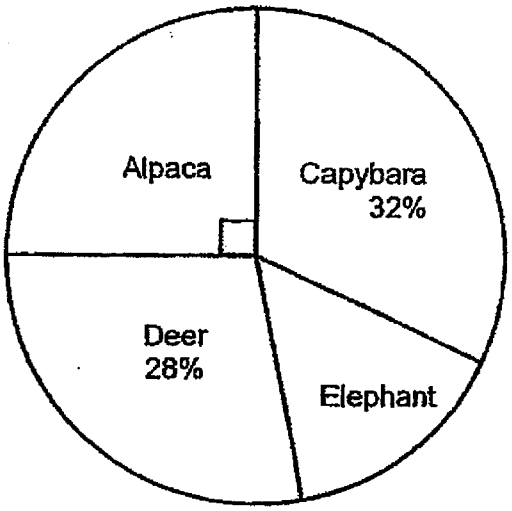
(2) 128°

(3) 142°

(4) 156°

(Go on to the next page)

17. 200 students were asked to choose one animal as their class mascot. The pie chart shows their choices.



How many students chose Elephant as the class mascot?

(1) 15

(2) 30

(3) 50

(4) 115

18. Alexis had some apples and pears. She gave away $\frac{2}{5}$ of the apples and $\frac{5}{12}$ of the pears. $\frac{4}{9}$ of the fruits she gave away were apples. What fraction of the fruits did Alexis give away?

(1) $\frac{9}{17}$

(2) $\frac{9}{19}$

(3) $\frac{9}{22}$

(4) $\frac{9}{31}$

Go on to Booklet B

ROSYTH SCHOOL
2025 END-OF-YEAR EXAMINATION
MATHEMATICS
PRIMARY 5
PAPER 1

Name: _____ Register No. _____

Class: Pr 5 - _____

Date: 28 October 2025 Parent's Signature: _____

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

BOOKLET B

Instructions to Pupils:

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 dark blue or black ballpoint pen to write your answers in the space provided for each question.
5. Do not use correction fluid/tape or highlighters.
6. The use of calculator is **NOT** allowed.

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet B)	24	

* This booklet consists of 8 pages (including this cover page).

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.

Do not write in this space

All diagrams in this paper are not drawn to scale unless stated otherwise.

(24 marks)

19. (a) Find the value of $4.38 \div 2.9$

Ans: (a) _____

(b) Find the value of 3.06×50

Ans: (b) _____

20. Sylvia deposits \$8300 into her bank savings account. The bank gives an annual interest rate of 3%. How much will she have in her bank account at the end of one year?

Ans: \$ _____

21. The table below shows how much a company charges for a cleaning job.

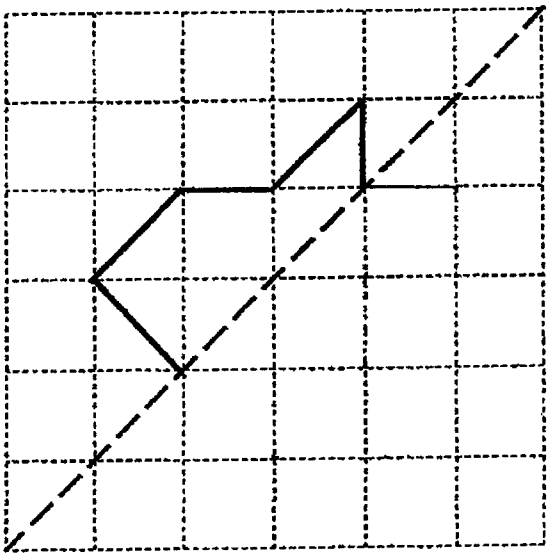
Do not write in this space

First 2 hours	$100
Every additional hour	$30

Mr Sim hired the company to complete a cleaning job in 7 hours. How much money did Mr Sim pay for the cleaning job?

Ans: $_____

22. In the figure below, the dotted line represents the line of symmetry. Complete the symmetric figure.



23. The solid is made up of 9 identical cubes.

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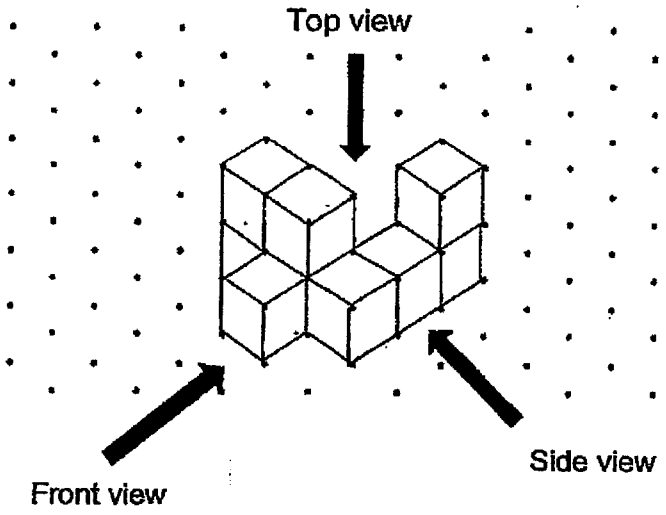
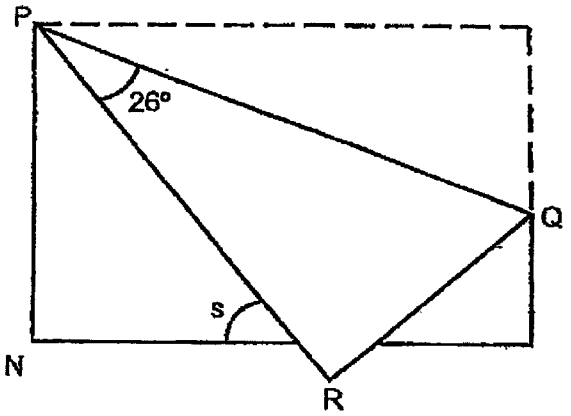


What is the greatest number of such cubes that can be added to the solid without changing the front view and the side view?

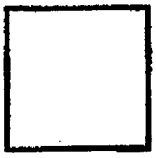
Ans: _____

24. In the figure below, a rectangular piece of paper is folded along line PQ. $\angle QPR = 26°$. Find $\angle s$.

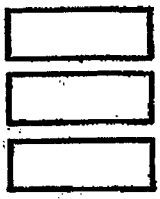


Ans: _____ °

25. The side of the square is 9 cm.



The square is cut to make 3 identical rectangles.



What is the perimeter of one rectangle?

Do not write in this space

Ans: _____ cm

26. Sharkie Store ordered 30 copies of the magazine, Reader's Monthly, for sale each month.

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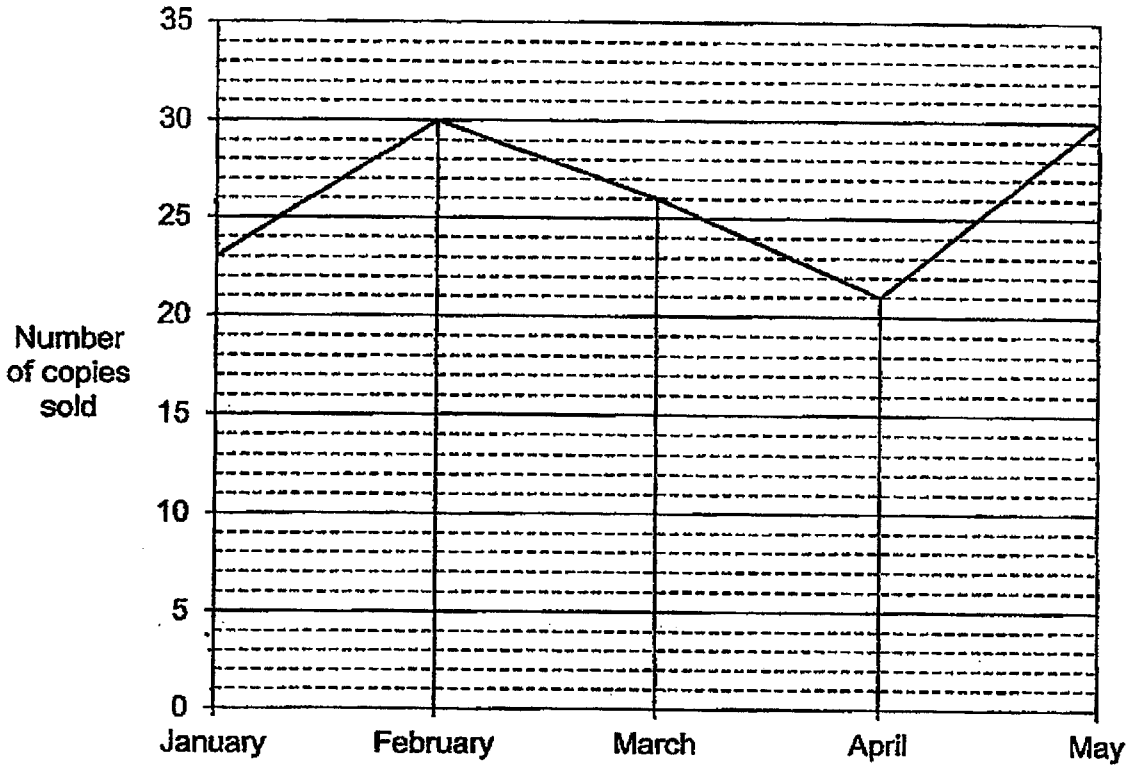
The line graph shows the copies of magazines sold by the store at the end of each month from January to May.



(a) What was the difference in the number of copies sold in February and March?

Ans: (a) _____

(b) Which month had the highest number of unsold copies of Reader's Monthly?

Ans: (b) _____

27. Nurul had 7 boxes of beads. At first, each of the boxes contained the same number of beads. She took out 12 beads from each box. After that, the total number of beads left in the 7 boxes was equal to the total number of beads in 3 of the boxes at first. What was the number of beads in each box at first?

Do not write in this space

Ans: _____

28. On Saturday, 160 adults and 90 children watched a movie at a cinema. 80 adults bought popcorn to watch the movie. What percentage of the audience bought popcorn to watch the movie?

Ans: _____ %

Do not write in this space

29. Mrs Goh bought a block of butter. She used $\frac{3}{5}$ of it to bake a cake and $\frac{2}{3}$ of the remainder to cook some vegetables. What fraction of the block of butter was left? Leave your answer in its simplest form.

Ans: _____

30. George, Hazel and John collected bottle caps for their project. George and Hazel collected 91 bottle caps altogether. George and John collected 80 bottle caps altogether. Hazel and John collected 67 bottle caps altogether. How many bottle caps did Hazel collect?

Ans: _____

End of paper
Have you checked your work?

ROSYTH SCHOOL
END-OF-YEAR EXAMINATION 2025
MATHEMATICS
PRIMARY 5
PAPER 2

Name: _____ Register No. _____

Class: Pr 5 _____

Date: 28 October 2025 Parent's Signature: _____

Time: 1 h 20 min

Instructions to Pupils:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. **Show your workings clearly** as marks are awarded for correct working.
5. Use a dark blue or black ballpoint pen to write your answers in the space provided for each question.
6. Do not use correction fluid/tape.
7. Do not use highlighters on any part of your answers.
8. Write your answers in this booklet.
9. The use of an approved calculator is allowed.

Questions	Maximum Mark	Marks Obtained
Q 1 to 5	10	
Q 6 to 15	40	

Section	Maximum Mark	Marks Obtained
Paper 1	50	
Paper 2	50	
Total	**100**	

*This booklet consists of 14 pages (including this cover page).

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)

All diagrams in this paper are not drawn to scale unless stated otherwise.

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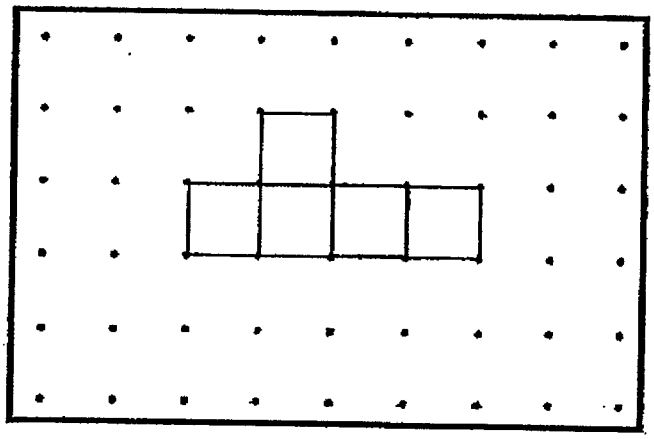
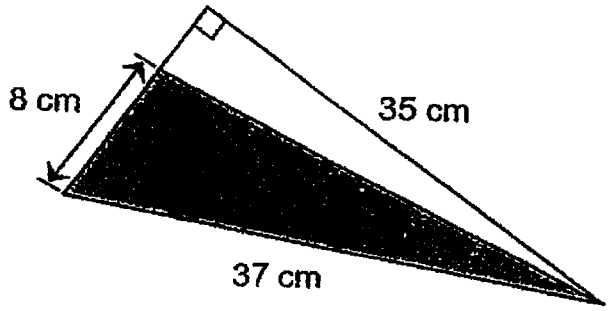
1. The figure below shows an incomplete net of a cube. Complete the net by drawing the missing face of the cube.



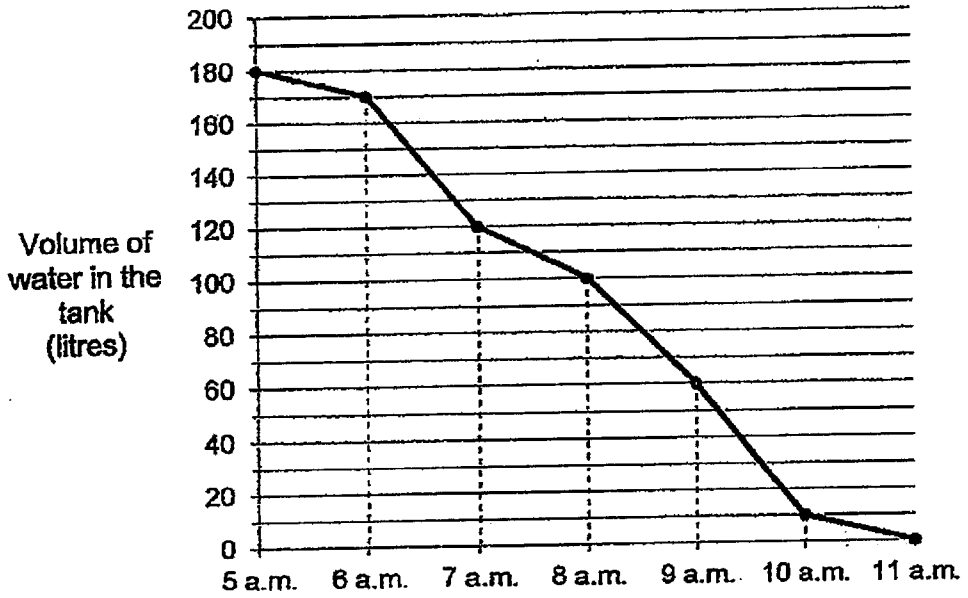
2. Find the area of the shaded triangle.



Ans: (a) _____ cm^2

(Go on to the next page)

3. A tank was completely filled with water at 5 a.m. Water was allowed to flow out of the tank from 5 a.m. to 11 a.m. The line graph shows the volume of water in the tank from 5 a.m. to 11 a.m.



At what time was $\frac{2}{3}$ of the tank filled with water?

Ans: _____ a.m.

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(Go on to the next page)

4. Alicia has 3 rolls of ribbons. Each roll of ribbon is 2.5 m long. She cut each roll of ribbon into 30 cm strips. How many such 30 cm strips of ribbon will she have?

Do not write in this space

Ans: _____

5. Miss Tan set aside some of her salary for her daily lunch.
She realised that if she spent $5.50 on each meal, she could have 12 more such meals than if she had spent $7.50 per meal.
How much money did Miss Tan set aside for her lunch?

Ans: $ _____

(Go on to the next page)

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. For questions which require units, give your answers in the units stated.
(40 marks)

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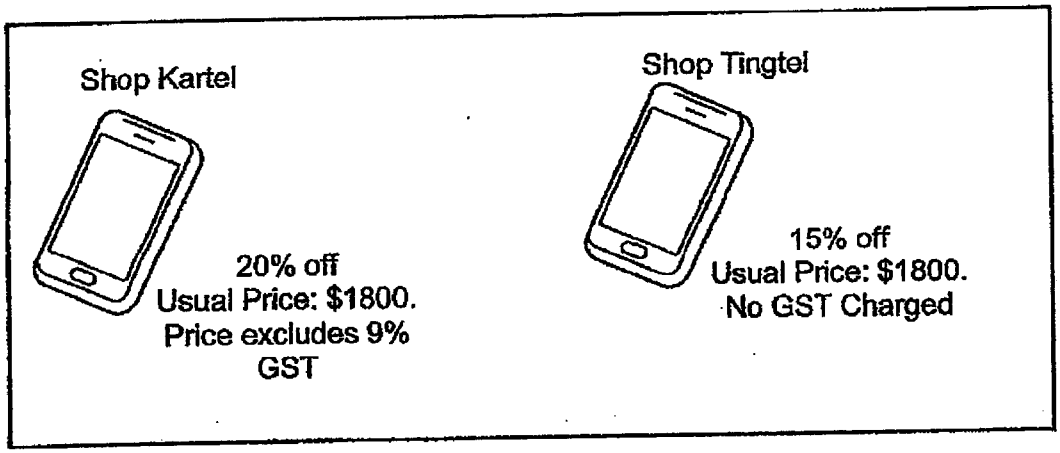
6. Two shops offer a discount for the same phone model as shown below



In shop Kartel, customers will need to pay a GST of 9% on the discounted price. In shop Tingtel, customers will not need to pay the GST of 9% on the discounted price.

(a) What is the final price of the phone in shop Kartel?

Ans: (a) $ _____ [2]

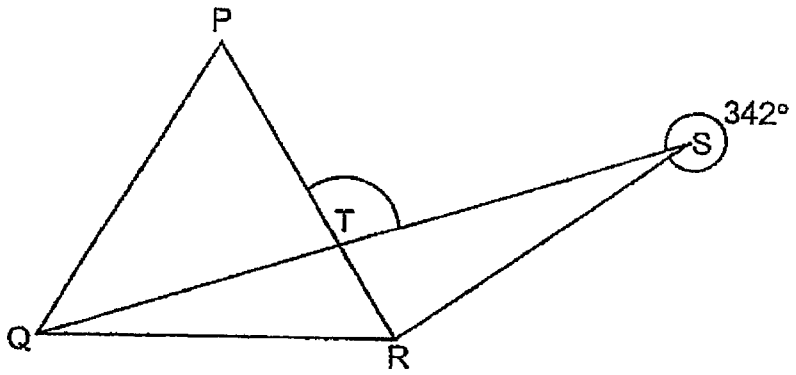
(b) What is the difference in the final price of the same phone between the 2 shops?

Ans: (b) $ _____ [1]

(Go on to the next page)

7. PQR is an equilateral triangle. QRS is an isosceles triangle and QR = RS.

Find ∠PTS.



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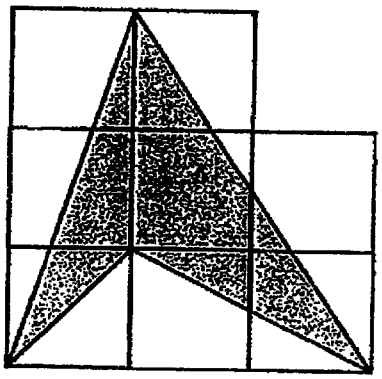
Ans: _____° [3]

8. The figure is made up of eight identical squares. The length of each square is 7 cm. Find the area of the shaded part.



Ans: _____ cm^2 [3]

(Go on to the next page)

9. Carl had 67 more cards than Dean. Carl lost 59 of his cards to Dean. Dean then had 4 times as many cards as Carl. How many cards did Dean have at first?

Do not write in this space

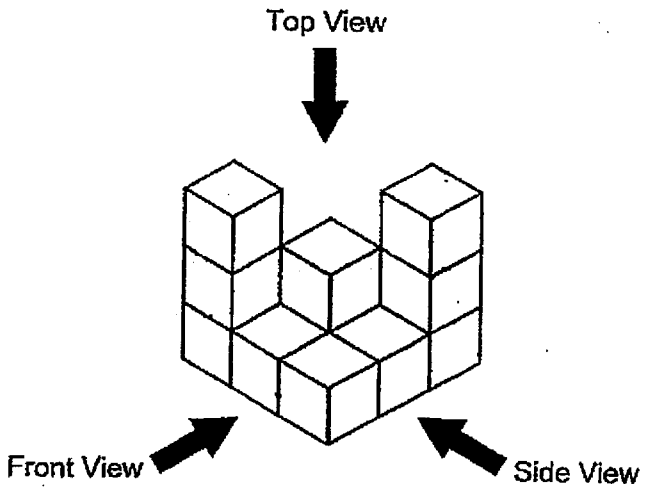
Ans: _____ [4]

(Go on to the next page)

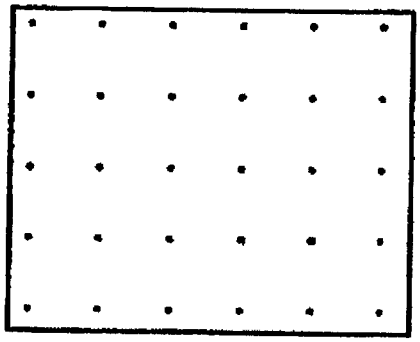
10. The solid below is made up of 11 identical cubes.

Do not write in this space

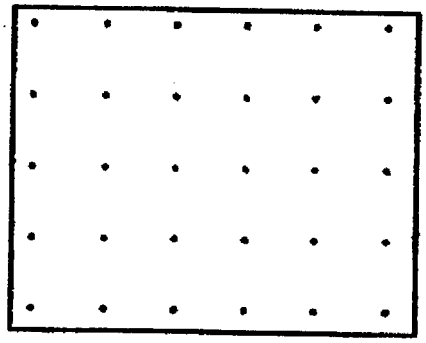
(a) Draw the front view and the top view of the solid on the grids below.



Front View



Top View



[2]

(b) Salim painted the whole solid including the base. Then he took it apart into 11 individual cubes. What is the total number of faces that are **not** painted?

Ans: (b) _____ [2]

(Go on to the next page)

11. Poles are placed around the perimeter of a rectangular field as shown below. A total of 48 poles were placed. The distance between each pole is 0.06 km.

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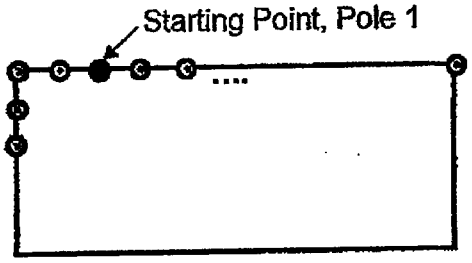


(a) Randy started walking along the perimeter of the field from the start point as shown in the diagram. He stopped when he had counted the 28th pole, including the one he started from. How far did Randy walk?

Ans: (a) _____ km [2]

(b) There were 4 more poles placed along each length of the field than each breadth of the field. What is the length of the field?

Ans: (b) _____ km [2]

(Go on to the next page)

12. Natalie listed some numbers in the table below. She completed the first five rows but left some parts of the table incomplete. Study the pattern below and answer the following questions.

Do not write in this space

	Column						
Row	A	B	C	D	E	F	G
1	3	7	11	15	19	23	27
2	31	35	39	43	47	51	55
3	59	63	67	71	75	79	83
4	87	91	95	99	103	107	111
5	115	119	123	127	131	135	139
6							(a)_____
. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
(b)_____		791					

(a) Find the number in column G, row 6.

Ans: (a) _____ [1]

(b) In which row is number 791 in?

Ans: (b) _____ [2]

(c) What column would number 1335 be in?

Ans: (c) _____ [1]

(Go on to the next page)

13. Cherish had twice as many $2 notes as $10 notes in her bag. She spent 3 of her $10 notes. The value of all her $10 notes remaining was $72 more than the value of all her $2 notes.

Do not write in this space

(a) How many $2 notes did Cherish have at first?

Ans: (a) _____ [3]

(b) What is the total amount of money Cherish had at the end?

Ans: (b) $_____ [2]

(Go on to the next page)

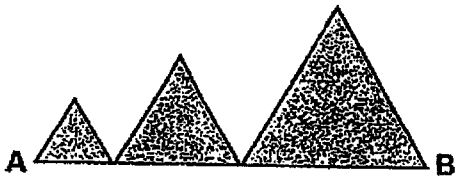
14. Scott has 3 types of equilateral triangles as shown in Table 1. The perimeter of each triangle is also stated in Table 1.

Do not write in this space

Type of equilateral triangle	Perimeter
 Small	15 cm
 Medium	27 cm
 Large	48 cm

Table 1

He arranges 1 large triangle, 1 medium triangle and 1 small triangle along a straight line, AB, as shown below.



(a) Find the length of AB.

Ans: (a)_____ cm [1]

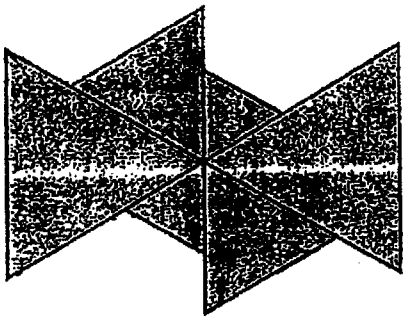
Continue with part (b) on the next page.

(Go on to the next page)

Q14 (continued)

Do not write in this space

(b) Next, Scott arranges 2 large triangles, 2 medium triangles and 2 small triangles into the shape shown below.



(b) Find the perimeter of the shape.

Ans: (b)_____ cm [4]

(Go on to the next page)

15. Shanice wanted to finish reading a book in 6 days. On the first day, she read $\frac{1}{4}$ of the book. On the second day, she read 72 pages of the book. As a result, $\frac{3}{7}$ of the book was left to be read over the next 4 days.

Do not write in this space

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

Ans: (a) _____ [3]

(b) She read an equal number of pages of the book over the next 4 days. How many pages did she read each day?

Ans: (b) _____ [2]

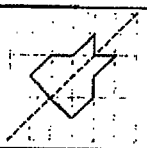
End of paper
Have you checked your work?

YEAR : 2025
LEVEL : PRIMARY 5
SCHOOL : ROSYTH SCHOOL
SUBJECT : MATHEMATICS
TERM : END-OF-YEAR EXAMINATION

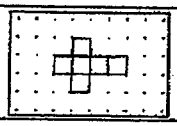
(BOOKLET A)

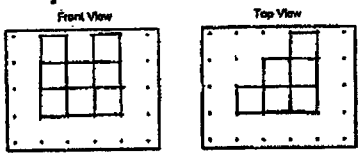
Q1	4	Q2	4	Q3	1	Q4	2	Q5	3
Q6	2	Q7	4	Q8	1	Q9	2	Q10	3
Q11	1	Q12	3	Q13	3	Q14	2	Q15	1
Q16	3	Q17	2	Q18	3				

(BOOKLET B)

Q19	a) 4.38 + 2.90 = 7.28 b) 3.06 x 50 = 3.06 x 10 x 5 =3.06 x 5 = 153	Q20	1% - \$8300 ÷ 100 = \$83 103% - \$83 x 103 = \$8549
Q21	\$100 + (\$30 x 5)= \$100 + \$150 =\$250	Q22	
Q23	Front view – 3 cubes Back view – 4 + 2 + 3 = 9	Q24	<RPN=90°-(26° x 2) =38 <s = 180° - 90° - 38° = 52°
Q25	Breath of rectangle – 9cm÷3=3cm Perimeter of rectangle – 9cm + 9cm + 3cm + 3cm = 18cm + 6cm = 24cm	Q26	a) 30-26=4 b) april
Q27	4 boxes beads at first- 12 x 7 =84 1 box beads at first- 84÷4=21	Q28	No of audience- 160+90=250 $\frac{80}{250} \div 10 = \frac{8}{25}$ $\frac{8}{25} \times 4 = \frac{32}{100}$ =32%
Q29	$\frac{4}{30} \div 2 = \frac{2}{15}$	Q30	2u = 91 – 13 = 78 1u = 78÷ 2 =39

PAPER 2

Q1		Q2	$\frac{1}{2}$ x 8 x 35cm = 140cm^2
Q3	Tank cap - 180λ $\frac{2}{3}$ Water - 180 λ x $\frac{2}{3}$ = 120 λ Ans : 7 am	Q4	No.of 30cm strips in 1 – 250cm÷30cm = 8R10cm 3 rolls – 8 x 3 = 24cm
Q5	Small diff = \$7.50 - \$5.50 = \$2 No of group = \$66(big diff) ÷2(small diff) = \$33	Q6	a) shop level – (\$1800 x 80%)x(109%)=\$1440 x 109% = \$1569.60

	Ms Tan's lunch money = $33 x $7.50 = $247.50		b) shop tingel - $1800 x 15% = $1530 diff - $1569.60 - $1530 = $39.60
Q7	<TSR = 360° - 342° = 18° <SQR= 18° <QTR = 180° - 60° - 18° =102° <PTS =102°	Q8	Total area of shaded parts $392cm^2 - 73.5cm^2 - 73.5cm^2 - 98cm^2 = 147cm^2$
Q9	Diff aft – 59 x 2 = 118 Carl has 67 more at first so 118 - 67=51 3u = 51 1u = 51÷3 = 17 4u = 17 x 4 = 68 (Dean)At first – 68 – 59 = 9	Q10	a)  b) front + back – 8 x 2 = ~~18~~ 16 top + bottom – 6 x 2 = 12 left + right – 8 x 2 = 16 total no.of UNPAINTED faces = 66 – 44 = 22
Q11	a) 28 poles – 27 gaps Distance Randy walked = 0.06 x 27 = 1.62km b) 2 unit ---- 22 – 4 = 18 1 unit --- 18 ÷ 2 = 9 9 + 4 = 13 14 x 0.06km 15 – 1 = 14 = 0.84km 13 + 2 = 15	Q12	a) 139 + 28 = 167 b) no.of groups of '28' after 119 --- 784 ÷ 28 = 28 row number = 28 + 1 =29 c) 1335 ÷ 7 = 190R5 ANS : E
Q13	a) big diff---$72 +($10x3)=$102 small diff---$10 - $2 x 2 = $16 no. of group---$102 ÷6=17 no.of $2 notes at first---2 x 17=34 b) small total---$10 + $2 x 2 =$14 total at first---$14 x 17 =$238 total at last---$238 - $30=$208	Q14	a) length of AB= 5+9+16=30cm b) length of a---16cm - 9cm =7cm length of b---9cm – 5cm =4cm length of c--- 16cm – 5cm =11cm perimeter of figure =16cm+11cm+5cm+4cm+9cm +7cm+16cm+11cm+5cm+4cm +9cm+7cm = 104cm
Q15	a) $\frac{9}{28}$ --- 72 $\frac{1}{28}$ --- 72÷ 9 = 8 $\frac{28}{28}$ --- 8 x 28 = 224 b) $\frac{7}{28}$ ---- 8 x7 =56 *1st two days* ---56+72=128 *left 4 days* ---224 – 128 =96 *1 day* ---96 ÷4 = 24		

2

END