



HENRY PARK PRIMARY SCHOOL  
2024 PRELIMINARY EXAMINATION  
MATHEMATICS  
PRIMARY 6

PAPER 1  
(BOOKLET A)

Name: \_\_\_\_\_ (     )

Parent's Signature

Class: Primary 6 \_\_\_\_\_

\_\_\_\_\_

Marks:

Paper 1	Booklet A	20
	Booklet B	25
Paper 2		55
Total		100

Total Time for Booklets A and B: 1 hour

Do not turn over this page until you are told to do so.  
Follow all instructions carefully.

Answer all questions.

Shade your answers in the Optical Answer Sheet (OAS) provided.  
You are **not** allowed to use a calculator.

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 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 in the Optical Answer Sheet.

(20 marks)

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1.  $80\,000 + 4\,000 + 300 + 7 = \boxed{?}$

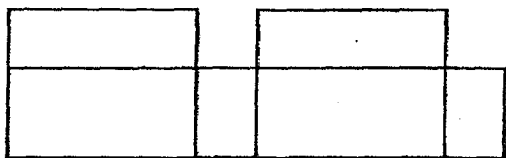
What is the missing number in the box?

- (1) 80 437
  - (2) 84 037
  - (3) 84 307
  - (4) 84 370
2. The mass of a table is 11 kg when rounded to the nearest kilogramme.  
Which of the following **cannot** be the mass of the table?
- (1) 10.49 kg
  - (2) 10.55 kg
  - (3) 11.08 kg
  - (4) 11.46 kg
3. Express  $5\frac{2}{25}$  as a decimal.
- (1) 5.08
  - (2) 5.25
  - (3) 5.2
  - (4) 5.8

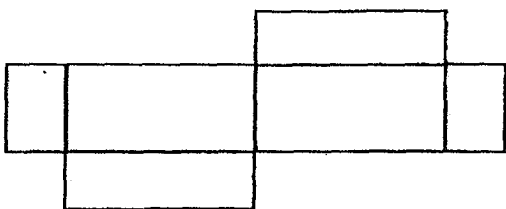
- (1) 7 g
  - (2) 70 g
  - (3) 700 g
  - (4) 7000 g
5. Mabel slept at 20 45 and wakes up at 06 10 the next day. How long did she sleep?
- (1) 9 h 25 min
  - (2) 10 h 25 min
  - (3) 10 h 35 min
  - (4) 14 h 35 min
6. A box contained brown balls and yellow balls in the ratio 3 : 7. There were 84 more yellow balls than brown balls. How many balls were there in the box altogether?
- (1) 120
  - (2) 147
  - (3) 210
  - (4) 280

7. Which of the following is a net of a cuboid?

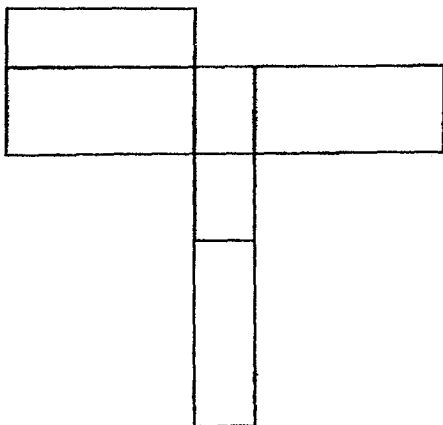
(1)



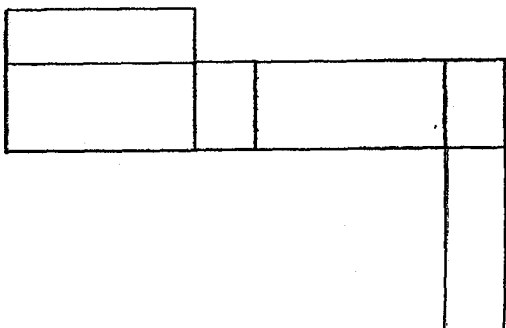
(2)



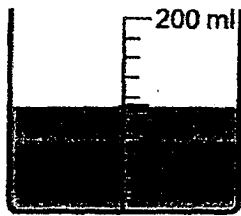
(3)



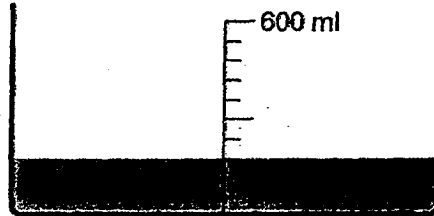
(4)



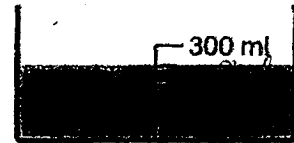
containers A, B and C are filled with water as shown below. Arrange the containers according to the volume of water they contain from the greatest to the smallest.



A



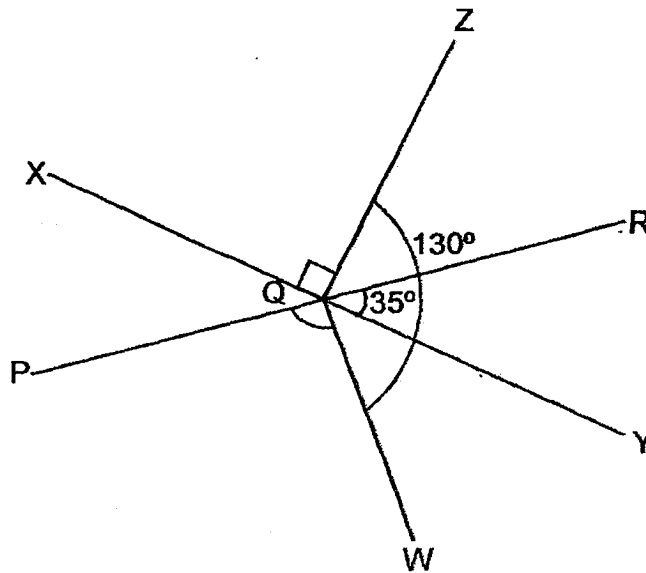
B



C

- (1) A, B, C
- (2) A, C, B
- (3) B, C, A
- (4) C, B, A

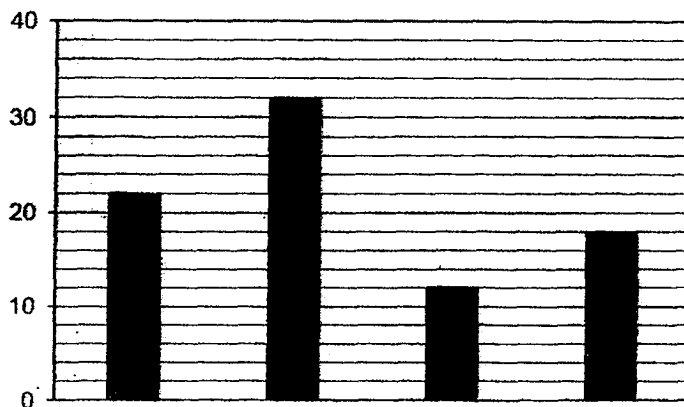
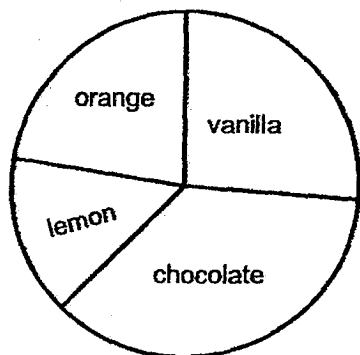
9. In the figure, XQY and PQR are straight lines.  $\angle XQZ = 90^\circ$ ,  $\angle ZQW = 130^\circ$  and  $\angle RQY = 35^\circ$ . Find  $\angle PQW$ .



- (1)  $90^\circ$
- (2)  $95^\circ$
- (3)  $105^\circ$
- (4)  $140^\circ$

Use the information below to answer Questions 10 and 11.

The pie chart shows the number of chocolate, vanilla, lemon and orange muffins Darren baked. The same information is represented in the bar graph but the flavours are not shown.



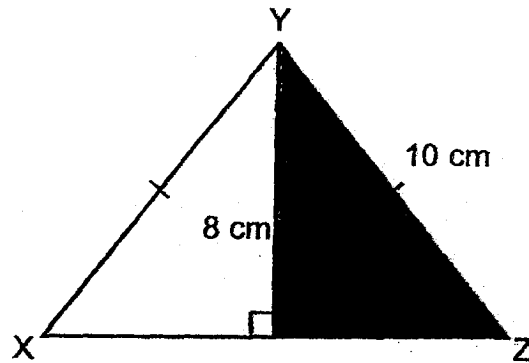
10. How many orange muffins did Darren bake?

- (1) 12
- (2) 18
- (3) 22
- (4) 32

11. Express the number of lemon muffins as a fraction of the total number of vanilla and chocolate muffins.

- (1)  $\frac{1}{7}$
- (2)  $\frac{2}{9}$
- (3)  $\frac{6}{11}$
- (4)  $\frac{6}{25}$

12. Triangle XYZ has a perimeter of 32 cm. Find the area of the shaded part.



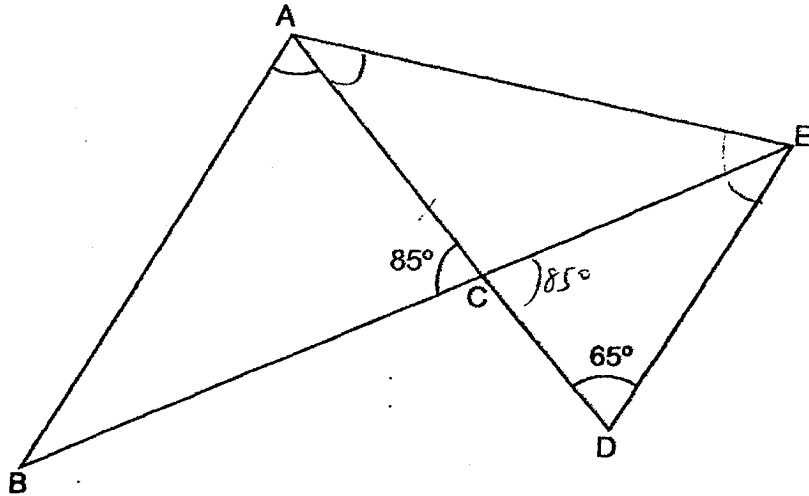
- (1)  $24 \text{ cm}^2$   
(2)  $30 \text{ cm}^2$   
(3)  $40 \text{ cm}^2$   
(4)  $48 \text{ cm}^2$
13. The table below shows the number of files in bookshops A and B.

Bookshop	Number of files	Percentage of red files
A	200	25%
B	600	60%

Find the total number of files in bookshops A and B which are not red.

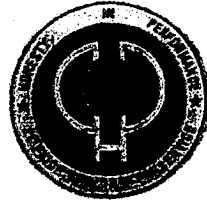
- (1) 120  
(2) 390  
(3) 410  
(4) 680

14.  $\triangle ABE$  and  $\triangle ADE$  are isosceles triangles.  $AB = AD = AE$ ,  $\angle ACB = 85^\circ$  and  $\angle ADE = 65^\circ$ . Find  $\angle BAD$ .



- (1)  $50^\circ$   
 (2)  $55^\circ$   
 (3)  $60^\circ$   
 (4)  $85^\circ$
15.  $\frac{1}{6}$  of the books in a class library were fiction books and the rest were non-fiction books. When the number of fiction books was increased by 100% and the number of non-fiction books increased by 50%, Mr Lim found that he had an additional 168 books in the library. How many books were there in the class library at first?
- (1) 112  
 (2) 144  
 (3) 288  
 (4) 294



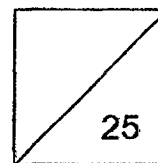


HENRY PARK PRIMARY SCHOOL  
2024 PRELIMINARY EXAMINATION  
MATHEMATICS  
PRIMARY 6

PAPER 1  
(BOOKLET B)

Name: \_\_\_\_\_ ( )

Class: Primary 6 \_\_\_\_\_



Total Time for Booklets A and B: 1 hour

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.

You are **not** allowed to use a calculator.

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(5 marks)

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16. Find the value of  $8 \div \frac{4}{5}$

Ans: \_\_\_\_\_

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17. Write down all the common multiple(s) of 6 and 8 that is/are less than 50.

Ans: \_\_\_\_\_

18. Express 50 kg 60 g in grams.

Ans: \_\_\_\_\_ g

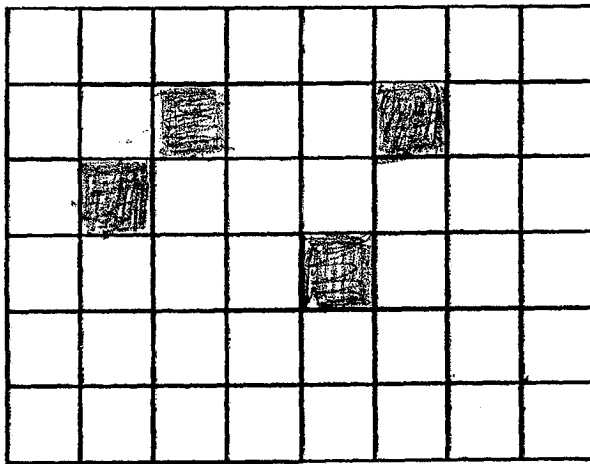
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19. The number of children at a swimming club in May, June and July was in the ratio 4 : 5 : 7. There were 336 children at the swimming club in May. What was the total number of children at the swimming club in June and July?

Ans: \_\_\_\_\_

20. Four small squares are shaded in the figure below.



Shade 2 more squares in the given figure so that it has a line of symmetry.

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in the spaces provided. For questions which require units, give your answers in the units stated.

(20 marks)

21. The table shows the heights of plants A, B, C and D in January and February.

Plant	January (height in cm)	February (height in cm)
A	9	35
B	10	29
C	12	41
D	18	37

- (a) Find the ratio of the heights of plant B to plant C to plant D in January. Give your answer in the simplest form.

Ans: (a) \_\_\_\_\_

- (b) Name the plant with the greatest difference in heights between January and February. Find this difference.

(b) Plant \_\_\_\_\_

Difference: \_\_\_\_\_ cm

22. Peter had 2 pails, each containing  $1200 \text{ cm}^3$  of water. He poured all the water from both pails into an empty tank with no spillage. The tank had a square base of side 20 cm. Find the height of the water level in the tank.

paint. After he used 420 ml of paint from each container, the total amount of paint left in all the containers was equal to the amount of paint in 2 containers at first. What was the total amount of paint in the 5 containers at first?

Ans: \_\_\_\_\_ ml

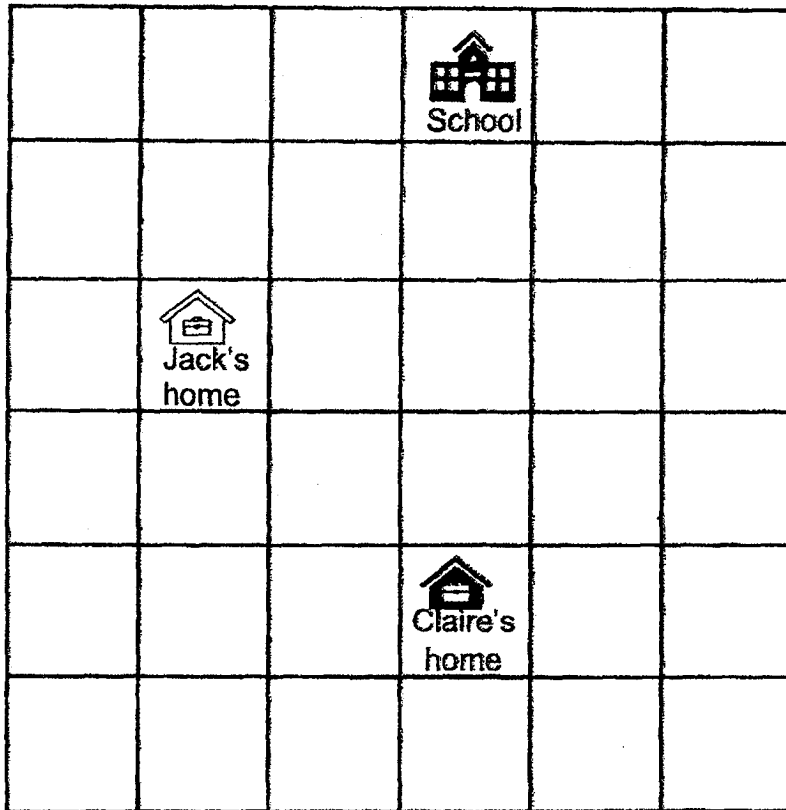
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24. During a sale, a shop sold t-shirts at a discount of \$15 per t-shirt. Members were given a further discount of 25% on all purchases. Elaine is a member and paid \$216 for 6 such t-shirts. What is the price of each t-shirt without any discount?

Ans: \$ \_\_\_\_\_

29. Jack's home, Claire's home and their school are located in the square grid below.



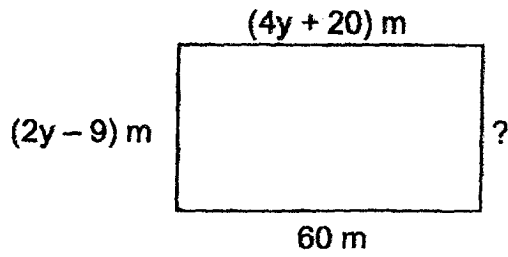
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(a) In what direction is Jack's home from Claire's home?

Ans: (a) \_\_\_\_\_

(b) A market is located south-east of the school and north-east of Claire's home. Put a cross (X) in the square grid where the market is.

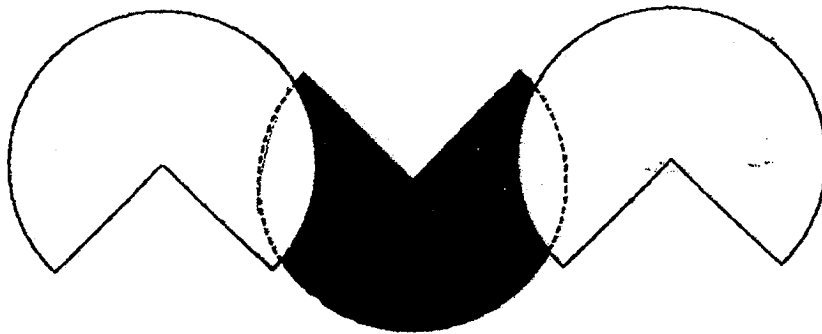


Ans: \_\_\_\_\_ m

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27. Zhi Han used 3 identical  $\frac{3}{4}$ -circles of radius 28 cm to form the figure shown below. Some parts of the circles overlapped each other. Find the perimeter of the shaded part of the figure. (Take  $\pi = \frac{22}{7}$ )

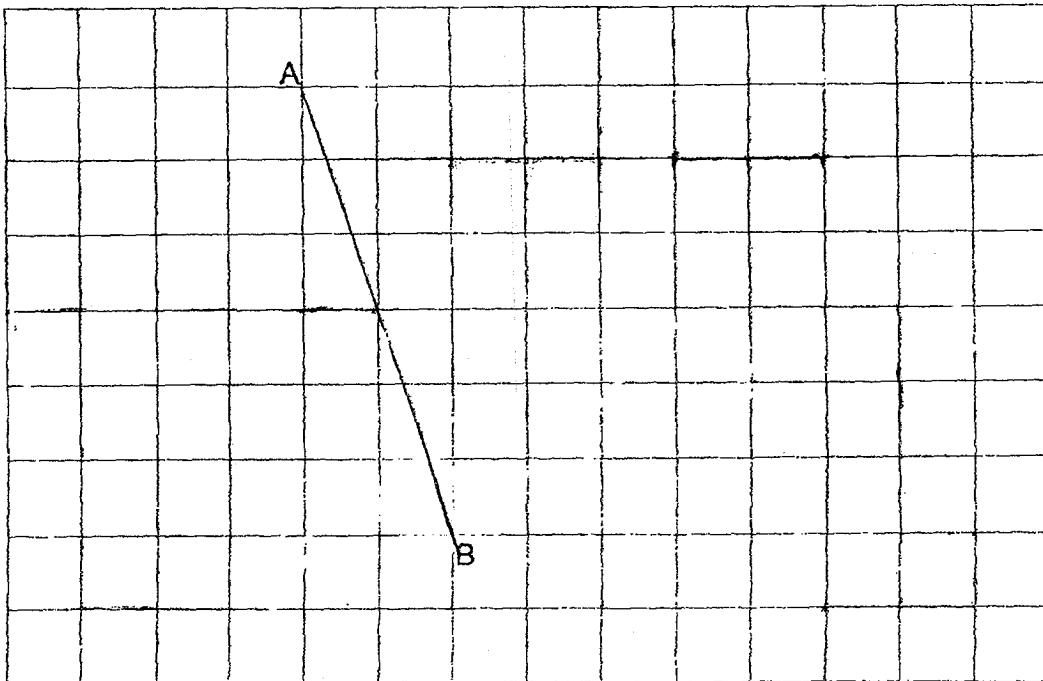


28. Ashley baked 500 cookies.  $\frac{3}{5}$  of them were chocolate cookies,  $\frac{1}{4}$  of them were butter cookies and the rest were raisin cookies. She sold  $\frac{2}{5}$  of the raisin cookies. How many raisin cookies did Ashley sell?

Ans: \_\_\_\_\_

29. The square grid shows line AB.
- AB is one side of a trapezium ABCD with  $\angle ABC = 90^\circ$  and AB is parallel to CD. BC and CD are half the length of AB. Draw trapezium ABCD.
  - EFGH is a parallelogram with the same perimeter as trapezium ABCD. Draw parallelogram EFGH such that it does not overlap with trapezium ABCD.

Use a pencil to draw your diagrams and label them clearly.

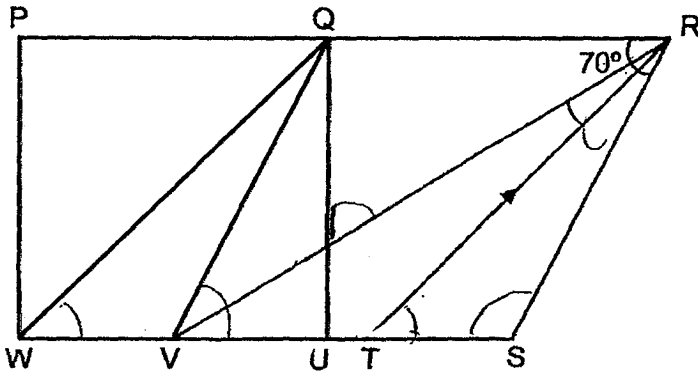


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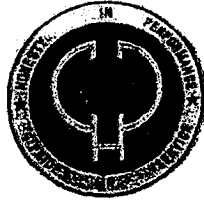
$\angle QRS = 70^\circ$ .  $PQR$  and  $WUS$  are straight lines. Find  $\angle VRT$ .



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Ans: \_\_\_\_\_<sup>o</sup>



**HENRY PARK PRIMARY SCHOOL  
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PRIMARY 6**

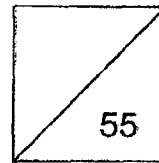
**PAPER 2**

Parent's Signature

\_\_\_\_\_

Name: \_\_\_\_\_ (    )

Class: Primary 6 \_\_\_\_\_



**Time for Paper 2: 1 hour 30 minutes**

**Do not turn over this page until you are told to do so.**

**Follow all instructions carefully.**

**Answer all questions.**

**Show your working clearly as marks are awarded for correct working.**

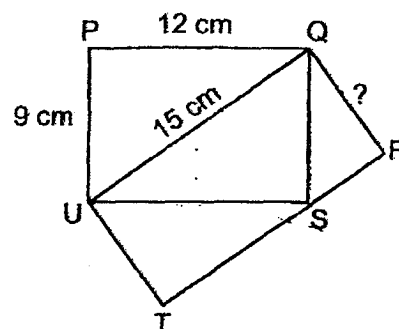
**Write your answers in this booklet.**

**You are allowed to use a calculator.**

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)

1. PQSU and QRTU are rectangles where  $PQ = 12$  cm,  $QU = 15$  cm and  $UP = 9$  cm. Find the length of QR.



Ans: \_\_\_\_\_ cm

2. The average of four whole numbers is 281. Two of the numbers are 371 and 109. What is the smallest difference between the remaining two numbers? Write down these two numbers.

Ans: Smallest Difference \_\_\_\_\_

Numbers: \_\_\_\_\_, \_\_\_\_\_

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3. Amy used 7 identical rhombuses to form figure A. Beth added 2 more such rhombuses to figure A to form figure B. The perimeter of Figure A is 156 cm. Find the perimeter of Figure B

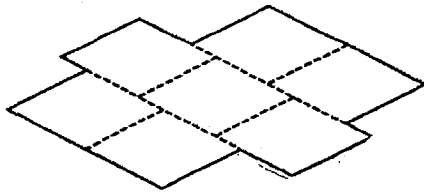


Figure A

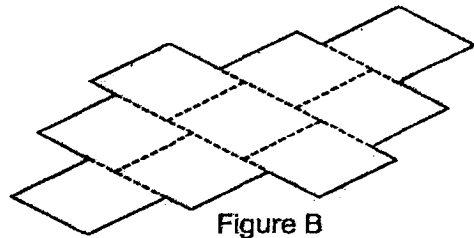


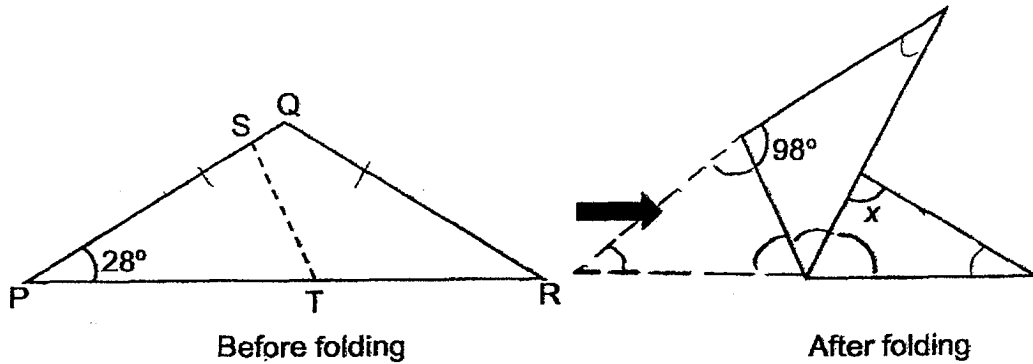
Figure B

Ans: \_\_\_\_\_ cm

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4. A piece of paper in the shape of an isosceles triangle, PQR, is folded along the dotted line ST as shown below. Find  $\angle x$ .



Ans: \_\_\_\_\_ °

5. Danny and Eric started jogging from Point A to Point B at the same time. Both did not change their speeds throughout. After 20 minutes, Danny was 200 m behind Eric. When Eric completed the remaining distance of 5 km, Danny was 600 m away from Point B. What was Danny's jogging speed?

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Ans: \_\_\_\_\_ m/min

For questions 6 to 17, 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.

(45 marks)

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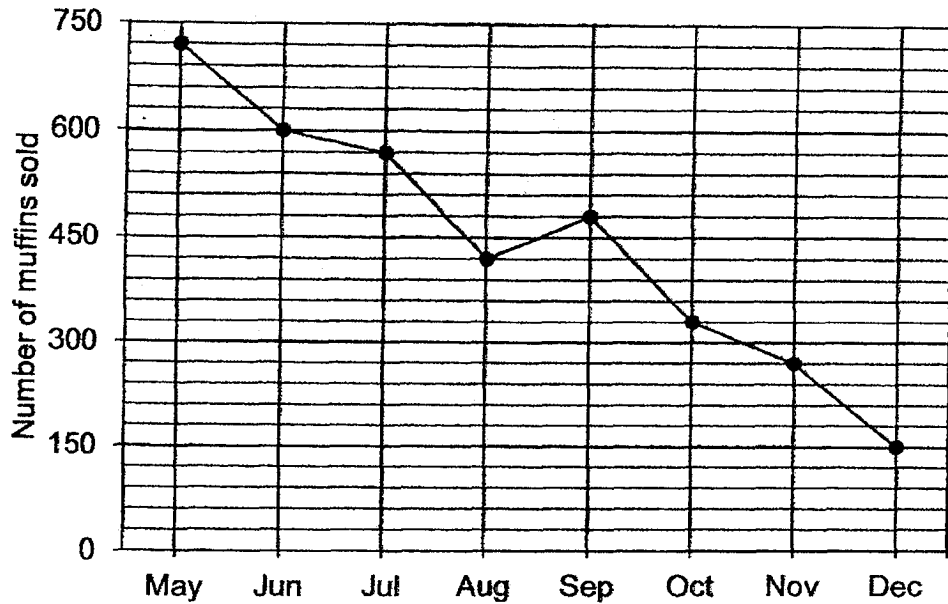
6. At first, Jason had \$210 and Ruth had \$154. After they both spent an equal amount of money, the amount of money Jason and Ruth each had left were in the ratio 7 : 3. How much did each of them spend?

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Ans: \_\_\_\_\_ [3]

7. The graph below shows the number of muffins a bakery sold each month from May to December.



- (a) Find the average number of muffins sold per month from May to August.

Ans: (a) \_\_\_\_\_ [1]

- (b) Based on the number of muffins sold from October to December, the bakery wants to increase the number of muffins sold by 30% in the first 3 months of next year. What is the targeted total number of muffins to be sold in the first 3 months of next year?

Ans: (b) \_\_\_\_\_ [2]

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8. Four children received their scores for a quiz. Ariel scored  $8x$  points. Bella scored 12 points more than Ariel. The number of points Bella scored was half the number of points Charlene scored. Darrell scored 7 points.

- (a) Complete the table below to show the number of points Bella and Charlene each scored. The number of points Ariel and Darrell scored has been filled in for you. Give your answer in terms of  $x$  in the simplest form. [1]

Names	Number of points
Ariel	$8x$
Bella	
Charlene	
Darrell	7

- (b) Find the total score of the four children when  $x = 15$ .

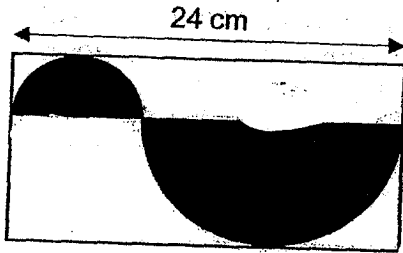
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Ans: (b) \_\_\_\_\_ [2]



9. Janice drew and shaded a large semicircle and small semicircle on a rectangular piece of paper of length 24 cm. The diameter of the large semicircle is twice that of the small semicircle. Find the total area of the unshaded parts of the paper. (Take  $\pi = 3.14$ )



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Ans: \_\_\_\_\_ [3]

10. Boxes A and B contain an equal number of coins.  $\frac{1}{4}$  of the coins in Box A are 10-cent coins while the rest are 50-cent coins.  $\frac{1}{3}$  of the coins in Box B are 10-cent coins while the rest are 20-cent and 50-cent coins.

- (a) Given that the total value of all the coins in Box A is \$86.40, find the total number of coins in Box B.

Ans: (a) \_\_\_\_\_ [2]

- (b) The total value of all the coins in Box B is \$50.10. Find the number of 20-cent coins in Box B.

Ans: (b) \_\_\_\_\_ [3]

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11.

**Storewide Closing Down Sale**

1<sup>st</sup> item at 40% discount

2<sup>nd</sup> item at 50% discount

Price of the 2<sup>nd</sup> item should be equal to or lower than price of the 1<sup>st</sup> item

Mary and Gary each bought two items at the store during the sale.

- (a) Mary bought 2 different bags. The original price of one of the bags was \$280 while the original price of the other bag was \$499. How much did she pay in total for both bags?

Ans: (a) \_\_\_\_\_ [1]



- (b) After discount, Gary spent \$1669.80 on two identical watches. Find the price of each identical watch before discount.

Ans: (b) \_\_\_\_\_ [2]

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12. Shops Q, R and S sell ice-cream in 2 sizes, small tubs and big tubs. A small tub of ice-cream is sold for \$12 and a big tub of ice-cream sold is sold for \$18. The table below shows the number of tubs of ice-cream sold by each shop. The number of tubs of ice-cream sold by shop S is covered by ink blots.

Shop	Number of tubs of ice-cream sold	
	Small (t)	Big (t)
Q	15	9
R	10	15
S		

- (a) What is the total amount of money collected by shops Q and R from the sale of all the small and big tubs of ice cream?

Ans: (a) \_\_\_\_\_ [2]

- (b) Shop S sold as many tubs of ice-cream as Shop Q but collected \$66 more. How many small tubs of ice-cream did Shop S sell?

Ans: (b) \_\_\_\_\_ [2]

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13. The printing rates of three machines, A, B and C, are as shown.

Machine A	Machine B	Machine C
360 posters per hour	180 posters per hour	230 posters per hour

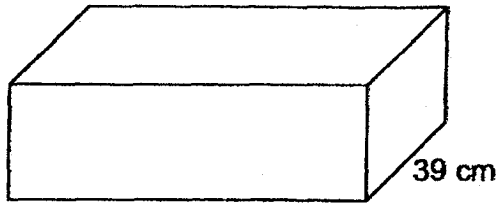
At 1100, Gwen started to print posters using only Machine A. Half an hour later, while machine A continued printing, she started printing posters with machines B and C as well. How long would machine B and C take to print the same number of posters as Machine A? Express your answers in hours and minutes.

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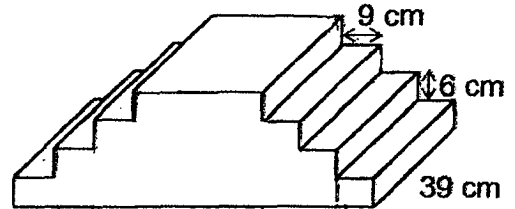
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Ans: \_\_\_\_\_ [3]

14. Figure X shows a rectangular block of wood of length 78 cm and breadth 39 cm.



78 cm  
Figure X



78 cm  
Figure Y

From the block of wood, Kevin cut out a stand with identical steps on both sides as shown in figure Y. Each step measures 6 cm in height and 9 cm in length.

- (a) What is the height of the original block of wood?

Ans: \_\_\_\_\_ [1]

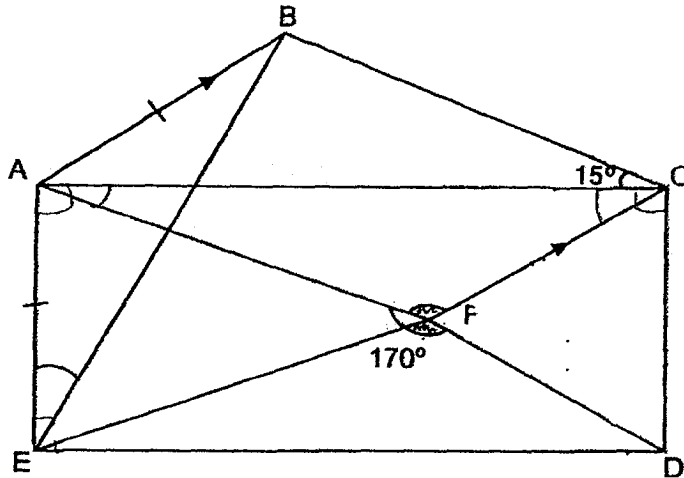
- (b) Find the volume of the block of wood used for figure Y.

Ans: \_\_\_\_\_ [3]

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15. In the figure, ACDE is a rectangle, CDF is an equilateral triangle and ABE is an isosceles triangle.  $\angle BCA = 15^\circ$ ,  $\angle AFD = 170^\circ$  and AB is parallel to FC.



- (a) Find  $\angle AFC$ .

Ans: (a) \_\_\_\_\_ [1]

- (b) Find  $\angle AEB$ .

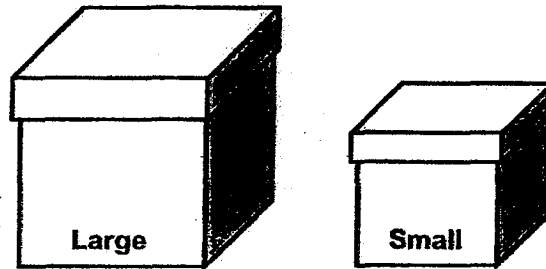
(b) \_\_\_\_\_ [3]

- (c) Circle the words that describe ABCF correctly in the following statement:  
 ABCF ( is / is not ) a parallelogram because AF ( is / is not ) parallel to BC. [1]

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16. Joanne completely packed two types of boxes, large and small, with identical bottles of oil. After she packed 14 large boxes and 18 small boxes completely with 1914 bottles of oil, she had some bottles remaining.



She could not completely pack another large box with the remaining bottles as she was short of 15 bottles. Instead, she completely packed another small box and had 12 bottles left. How many bottles did Joanne have?

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Ans: \_\_\_\_\_ [4]



17. Jaya used grey and white squares to form the figures that follow a pattern as shown below.

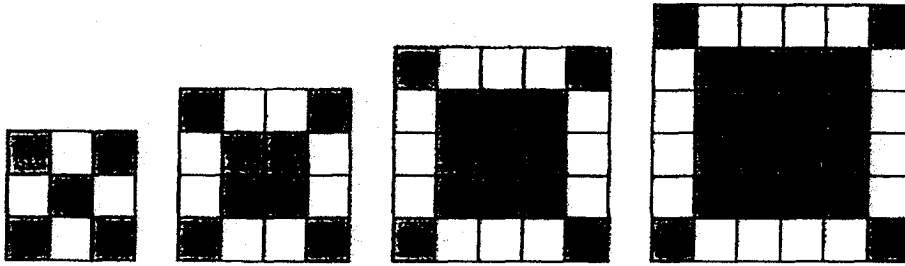


Figure 1

Figure 2

Figure 3

Figure 4

- (a) The table shows the number of grey and white squares for the first 4 figures. Complete the table for Figure 5. [1]

Figure Number	Number of grey squares used	Number of white squares used	Total number of squares used
1	5	4	9
2	8	8	16
3	13	12	25
4	20	16	36
5			
.	.	.	.
.	.	.	.
.	.	.	.
x	.	.	.
.	.	.	.
y	.	.	.
.	.	.	.

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Question 17 (b) and (c) continue on the next page.

17. (continued)

- (b) Jaya used 1004 white squares to form a figure. What was the total number of white and grey squares used for the figure?

Ans: \_\_\_\_\_ [2]

- (c) In the table above, the difference between the total numbers of squares used in Figure  $x$  and Figure  $y$  is 497. Find the value of the  $y$ .

Ans: \_\_\_\_\_ [2]

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Setters: Mdm Ong Li Ling, Mrs Elaine Chua, Mr Darren Lau, Mrs Irene Tan & Mrs Esther Ang

**End of Paper 2**

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# ANSWER KEY

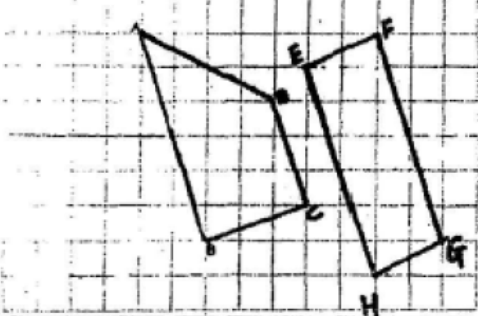
**YEAR : 2024**  
**LEVEL : PRIMARY 6**  
**SCHOOL : HENRY PARK**  
**SUBJECT : MATHEMATICS**  
**TERM : PRELIMINARY**

## Booklet A (Paper 1)

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

## Booklet B (Paper 1)

Q16	$\frac{8}{1} \times \frac{5}{4} = \frac{10}{1} = 10$	Q17	24 & 48
Q18	50060 G	Q19	$4u = 336$ $1u = 336 \div 4 = 84$ $12u = 84 \times 12 = 1008$
Q20		Q21	a) 5 : 6 : 9 b) Plant C Difference: 29 cm
Q22	$1200 \times 2 = 2400$ $20 \times 20 = 400$ $2400 \div 400 = 6 \text{ cm}$	Q23	$420 \times 5 = 2100$ $2100 \div 3 = 700$ $700 \times 5 = 3500 \text{ ml}$
Q24	$216 \div 6 = 36$ 75% of \$ $\rightarrow 36$ 100% of \$ $\rightarrow 36 \div 3 \times 4 = 48$ $48 + 15 = \$63$	Q25	a) North - West b)

Q26	$60 - 20 = 40$ $40 \div 4 = 10 (y)$ $10 \times 2 = 20$ $20 - 9 = 11m$	Q27	$\frac{22}{7} \times \frac{3}{4} \times 56 = 132$ $132 + 28 + 28 = 188cm$
Q28	$500 \div 20 = 25$ $25 \times 3 = 75$ $75 \div 5 = 15$ $15 \times 2 = 30$ raisin cookie	Q29	
Q30	$\angle RSU \rightarrow 180^\circ - 70^\circ = 110^\circ$ $\angle TRS \rightarrow 180^\circ - 45^\circ - 110^\circ = 75^\circ$ $\angle VRT \rightarrow (70 \div 2) - 25^\circ = 10^\circ$		

**Paper 2**

<p><b>Q1</b></p>	<p><math>\frac{1}{2} \times 5 \times 9 = 54</math></p> <p><math>54 \times 2 = 108</math></p> <p><math>108 \div 15 = 7.2 \text{ cm}</math></p>	<p><b>Q2</b></p>	<p><b>Smallest difference : O</b></p> <p><b>Numbers: 322, 322</b></p>										
<p><b>Q3</b></p>	<p><math>12u \rightarrow 156</math></p> <p><math>1u \rightarrow 156 \div 12 = 13</math></p> <p><math>16u \rightarrow 13 \times 16 = 208\text{cm}</math></p>	<p><b>Q4</b></p>	<p><math>180^\circ - 98^\circ - 28^\circ = 54^\circ</math></p> <p><math>180^\circ - 54^\circ - 54^\circ = 72^\circ</math></p> <p><math>180^\circ - 72^\circ - 28^\circ = 80^\circ</math></p>										
<p><b>Q5</b></p>	<p><b>E</b></p> <p><math>5000 \div 40 = 125</math></p> <p>Dist. in 20 min <math>\rightarrow 125 \times 20 = 2500</math></p> <p><b>D</b></p> <p>Dist in 20min <math>\rightarrow 2500 - 200 = 2300</math></p> <p><b>Speed = <math>2300 \div 20 = 115\text{m / min}</math></b></p>	<p><b>Q6</b></p>	<p><math>210 - 154 = 56</math></p> <p><math>4u = 56</math></p> <p><math>1u = 56 \div 4 = 14</math></p> <p><math>14 \times 7 = 98</math></p> <p><math>210 - 98 = \\$112</math></p>										
<p><b>Q7</b></p>	<p>a)</p> <p><math>720 + 600 + 570 + 420 = 2310</math></p> <p><math>2310 \div 4 = 577.5</math></p> <p>b)</p> <p><math>330 + 270 + 150 = 750</math></p> <p><math>100\% \rightarrow 750</math></p> <p><math>1\% \rightarrow 7.5</math></p> <p><math>130\% \rightarrow 7.5 \times 130 = 975</math></p>	<p><b>Q8</b></p>	<p>a)</p> <table border="1"> <thead> <tr> <th>Names</th> <th>Number of points</th> </tr> </thead> <tbody> <tr> <td>Ariel</td> <td><math>8x</math></td> </tr> <tr> <td>Bella</td> <td><math>8x + 12</math></td> </tr> <tr> <td>Charlene</td> <td><math>16x + 24</math></td> </tr> <tr> <td>Darrell</td> <td>7</td> </tr> </tbody> </table> <p>b) <math>8x + 8x + 16 = 32x</math></p> <p><math>32x \rightarrow 15x \ 32 = 480</math></p> <p><math>480 + 12 + 24 + 7 = 523</math></p>	Names	Number of points	Ariel	$8x$	Bella	$8x + 12$	Charlene	$16x + 24$	Darrell	7
Names	Number of points												
Ariel	$8x$												
Bella	$8x + 12$												
Charlene	$16x + 24$												
Darrell	7												
<p><b>Q9</b></p>	<p><math>3.14 \times 4 \times 4 \times \frac{1}{2} = 25.12</math></p> <p><math>3.14 \times 8 \times 8 \times \frac{1}{2} = 100.48</math></p> <p>Breadth of rec = <math>4 + 8 = 12</math></p> <p>Area of rec = <math>12 \times 24 = 288</math></p> <p><math>288 - 100.48 - 25.12</math></p> <p><math>= 162.4 \text{ cm}^2</math></p>	<p><b>Q10</b></p>	<p>a) Val in box A <math>\rightarrow (50 \times 3) + 10 = 160</math></p> <p><math>8640 \div 160 = 54</math></p> <p><math>54 \times 4 = 216 \text{ coins}</math></p> <p>b) <math>5010 - 720 = 4290</math></p> <p><math>216 - 72 = 144</math></p> <p><math>144 \times 50 = 7200</math></p> <p><math>7200 - 4290 = 2910</math></p> <p><math>29.10 \div 0.30 = 97</math></p>										

Q11	<p>a) <math>60\% \times 499 = 299.40</math>  <math>50\% \times 200 = 140</math>  <math>140 + 299.40 = \\$439.40</math></p> <p>b) <math>200\% - 40\% - 50\% = 110\%</math>  <math>110\% \rightarrow 1669.80</math>  <math>1\% \rightarrow 1669.80 \div 110 = 15.18</math>  <math>200\% \rightarrow 15.18 \times 200 = 3036</math>  <math>3036 \div 2 = \\$ 1518</math></p>	Q12	<p>a) <math>15s \rightarrow 12 \times 25 = 300</math>  <math>24B \rightarrow 24 \times 18 = 432</math>  <math>300 + 432 = \\$732</math></p> <p>b) <math>15 + 9 = 24</math>  <math>60 \div (18 - 12) = 11</math>  <math>24 - 1 - 9 = 4</math></p>
Q13	<p><math>360 \div 2 = 180</math>  <math>180 + 230 = 410</math> (B+C)  <math>410 - 360 = 50</math>  <math>180 \div 50 = 3.6</math> h</p> <p>ANS: 3 h 36 min</p>	Q14	<p>a) <math>6 \times 4 = 24</math> cm  b) <math>24 \times 24 \times 39 = 22464</math>  <math>(9 \times 6 \times 39) \times 12 = 25272</math></p> <p><math>22464 + 25272 = 47736 \text{cm}^3</math></p>
Q15	<p>a) <math>360^\circ - 170^\circ - 60^\circ = 130^\circ</math>  b) <math>90^\circ - 60^\circ = 30^\circ</math>  <math>(180^\circ - 90^\circ - 30^\circ) \div 2 = 30^\circ</math>  c) is not / is not</p>	Q16	<p><math>12 + 15 = 27</math>  <math>27 \times 14 = 378</math>  <math>1914 - 378 = 1536</math>  <math>14 + 18 = 32</math>  <math>1536 \div 32 = 48</math>  <math>1914 + 48 + 12 = 1974</math></p>
Q17	<p>a) Figure 5  Grey <math>\rightarrow 29</math>  White <math>\rightarrow 20</math>  Total <math>\rightarrow 49</math></p> <p>b)  <math>1004 \div 4 = 251</math>  <math>251 + 2 = 253</math>  <math>253 \times 253 = 64009</math></p> <p>c)  <math>497 - 7 = 490</math>  <math>490 \div 2 = 245</math>  <math>245 + 2 = 247</math></p>		