

# ROSYTH SCHOOL MID-YEAR EXAMINATION 2022 MATHEMATICS PRIMARY 6 PAPER 1

Name:	Register No
Class: Pr 6	Math Teacher:
Date: 13 May 2022	Parent's Signature:
Total Time for Booklets A and E	3:1 hour

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

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet A)	. 20	

<sup>\*</sup> This booklet consists of <u>7</u> pages (including this cover page).

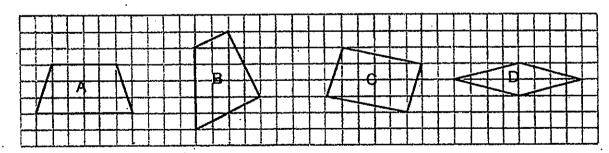


Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

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

(20 marks)

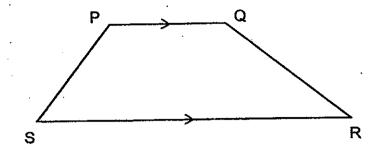
- 1. The number of visitors who visited a tourist attraction is 24 703. Round this number to the nearest thousand.
  - (1) 20 000
  - (2) 24 000
  - (3) 24 700
  - (4) 25 000
- 2. Which one of the following has the same value as  $6 \div \frac{4}{5}$ ?
  - (1)  $\frac{6}{1} \times \frac{5}{4}$
  - $(2) \qquad \frac{6}{1} \times \frac{4}{5}$
  - (3)  $\frac{1}{6} \times \frac{5}{4}$
  - $(4) \qquad \frac{1}{6} \times \frac{4}{5}$
- 3. Which one of the following shapes has both parallel lines and perpendicular lines?



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

- 4. Express  $9\frac{3}{25}$  as a decimal.
  - (1) 9.03
  - (2) 9.12
  - (3) 9.25
  - (4) 9.3
- 5. Jane, Ken and Ali had an average of 30 stickers in their collection. They were then given 5 stickers each. What was the total number of stickers they had in the end?
  - (1) 35
  - (2) 90
  - (3) 95
  - (4) 105
- 6. Express 20m + 15 7m 10 in the simplest form.
  - (1) 13m-5
  - (2) 13m + 5
  - (3) 13m-25
  - (4) 13m + 25
- 7. At a carnival, the ratio of the number of adults to the number of children was 7:25. The ratio of the number of boys to the number of girls was 3:2. What was the ratio of the number of boys to the number of adults?
  - (1) 15:7
  - (2) 3:7
  - (3) 10:7
  - (4) 7:3

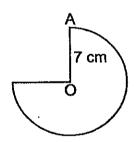
8. In the figure below, PQRS is a trapezium.



Which of the following statements is true?

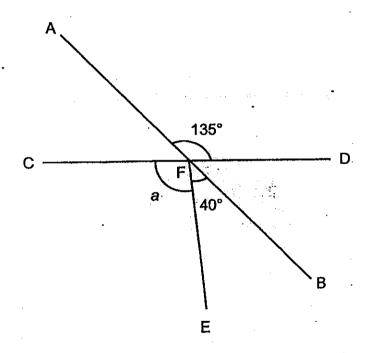
- (1) ∠SPQ = ∠PQR
- (2) ∠RSP = ∠SPQ
- (3)  $\angle SPQ + \angle PQR = 180^{\circ}$
- (4)  $\angle PQR + \angle QRS = 180^{\circ}$
- 9. The figure below shows a three-quarter circle. The length of OA is 7 cm. Find its perimeter.

$$(\text{Take }\pi = \frac{22}{7})$$



- (1) 33 cm
- (2) 40 cm
- (3) 47 cm
- (4) 154 cm

- 10. Which one of the following fractions is larger than  $\frac{1}{3}$ ?
  - (1)  $\frac{3}{11}$
  - (2)  $\frac{6}{17}$
  - (3)  $\frac{7}{21}$
  - (4)  $\frac{9}{28}$
- 11. In the figure, AB, CD and EF are straight lines.  $\angle$ AFD = 135° and  $\angle$ BFE = 40° Find  $\angle$ a.



- (1) 85°
- (2) 90°
- (3) 95°
- (4) 135°

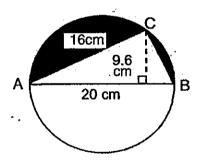
12. The table below shows how much a shop charges for bicycle rental.

First 2 hours	\$30
Every additional hour or part thereof	\$10

Kenny paid \$70 to rent a bicycle. Which of the following could be the duration he had rented the bicycle for?

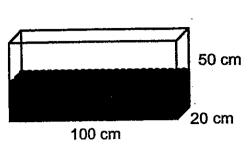
- (1) 4.5 h
- (2) 5.5 h
- (3) 6.5 h
- (4) 7.5 h
- 13. The figure below is made up of a circle and triangle ABC. Line AB passes through the centre of the circle. What is the area of the shaded part?

  (Take  $\pi = 3.14$ )

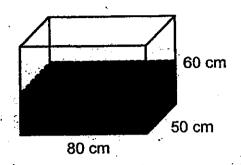


- (1) 61 cm<sup>2</sup>
- (2) 96 cm<sup>2</sup>
- (3) 218 cm<sup>2</sup>
- (4) 410 cm<sup>2</sup>

14. Two rectangular tanks are shown below. Both Tank P and Tank R were half-filled with water. Then, all the water from Tank P was poured into Tank R without spilling. What was the height of the water level in Tank R in the end?



Tank P



Tank R

- (1) 12.5 cm
- (2) 30 cm
- (3) 42.5 cm
- (4) 72.5 cm
- 15. There are red and green apples in a basket.  $\frac{2}{5}$  of them are rotten while the rest are not rotten.  $\frac{1}{3}$  of the rotten apples are green and  $\frac{2}{9}$  of the apples that are not rotten are red. What fraction of the apples are red?
  - (1)  $\frac{7}{9}$
  - (2)  $\frac{2}{5}$
  - (3)  $\frac{2}{15}$
  - (4)  $\frac{4}{27}$



# ROSYTH SCHOOL MID-YEAR EXAMINATION 2022 MATHEMATICS PRIMARY 6 PAPER 1

Name:	Register No
Class: Pr 6	Math Teacher:
Date: 13 May 2022	Parent's Signature:
Total Time for Booklets A and I	B:1 hour

# **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. You are <u>not</u> allowed to use a calculator.

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet B)	25	

<sup>\*</sup> This booklet consists of **9** pages (including this cover page). This paper is not to be reproduced in part or whole without the permission of the Principal.

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.

Do not write in this space

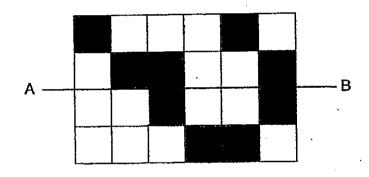
All diagrams in this paper are not drawn to scale unless stated otherwise.

(5 marks)

16. Find the value of  $0.36 \times 4000$ .

Ans:

17. The figure below is made up of identical squares. With AB as the line of symmetry, shade the least number of squares to complete the symmetric figure.



18. Find the value of  $1\frac{5}{6} + \frac{1}{8}$ 

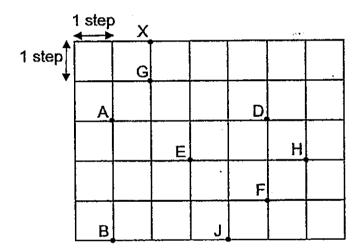
Express your answer as a mixed number in the simplest form.

19.	Mdm Neo paid \$75 for a cupboard after a discount of 40%. What	t was the
7	price of the cupboard before the discount?	7
100	price of the cupboard before the discount?	
V.)	- 14 - 14 <b>- 14 - 14 - 14 - 14 - 14 - 14</b>	

Do not write in this space

Ans: \$	•	
$\alpha$		
Ans: \$		

Study the diagram below.Nine landmarks on a street directory are shown in the square grid below.





Adam was at one of the landmarks. He was facing South-west. He turned 90° anti-clockwise and faced F. At which landmark was Adam at?

Ann:	1
Ans:	[ L

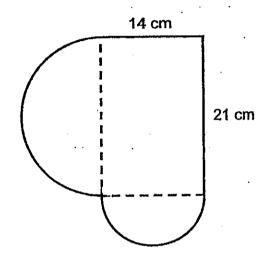
Questions 21 to 30 carry 2 marks each. Show your workings clearly in the space | Do not write provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

in this space

All diagrams in this paper are not drawn to scale unless stated otherwise. (20 marks)

The figure is made up of two semicircles and a rectangle. The length of 21. the rectangle is 21 cm and its breadth is 14 cm. What is the perimeter of the figure?

(Take  $\pi = \frac{22}{7}$ )

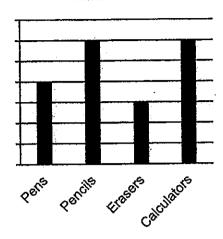


Ans:	cm	
		ł

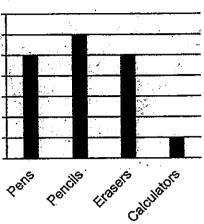
The graphs below show the type of stationery sold at a bookshop over two 22. weeks. The number of each type of stationery sold was not shown. Both graphs are drawn based on the same scales.

Do not write in this space.

Week 1



Week 2



Which type of stationery had the greatest increase in sales from (a) Week 1 to Week 2?

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

What was the percentage increase in part (a)? (b)

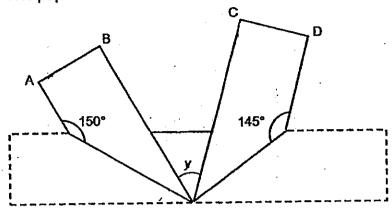
Ans: (b) \_\_\_\_\_

Find the value of  $5w + 10 - \frac{4w}{3}$  when w = 9. 23.

Ans: \_\_\_\_

24. The diagram below shows a rectangular piece of paper ABCD. The paper is folded as shown below. Find  $\angle y$ .

Do not write in this space

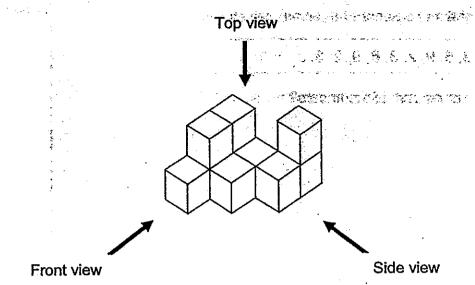


Ans: \_\_\_\_\_° L

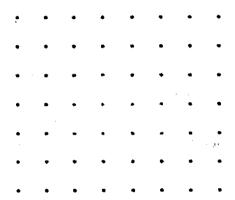
25. The ratio of Raju's savings to Weiming's savings was 4 : 5 at first. After they each donated \$110 to charity, the ratio of Raju's savings to Weiming's savings became 5 : 9. What was Raju's savings at first?

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

26. The solid below is made up of 10 cubes.



(a) Draw the front view of the solid on the grid below.



(b) Draw the top view of the solid on the grid below.



Do not write in this space

27.	The first 14 numbers	of a pattern a	are shown	below.

Do not write in this space

2, 3, 6, 9, 2, 3, 6, 9, 2, 3, 6, 9, 2, 3, ...

What is the sum of the first 158 numbers?

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

28. Andrew had \$3.60 more than Brenda. If Brenda gave Andrew \$2.10, Andrew would have thrice as much money as Brenda. How much money did Brenda have?

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

End of paper Have you checked your work?



# ROSYTH SCHOOL MID-YEAR EXAMINATION 2022 MATHEMATICS PRIMARY 6 PAPER 2

Name: Register No	
Class: Pr 6	Math Teacher:
Date: 13 May 2022	Parent's Signature:
Time: 1h 30min	
•	

# 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 an approved calculator is allowed.

Questions	Maximum Mark	Marks Obtained
Q 1 to 5	10	
Q 6 to 17	45	

Section	Maximum Mark	Marks Obtained
Paper 1	45	
Paper 2	55	
Total	100	

<sup>\*</sup> This booklet consists of 17 pages (including this cover page)

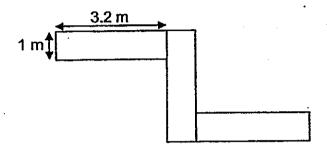
Questions 1 to 5 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write in this space

(10 marks)

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

1. The figure shows 3 identical rectangles placed together. Each rectangle is 1 m by 3.2 m. What is the perimeter of the figure?



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

2. The children at a camp were divided equally into Group A and Group B. The ratio of the number of boys to the number of girls in Group A was 2:3. The ratio of the number of boys to the number of girls in Group B was 4:3. What was the ratio of the number of boys to the number of girls at the camp?

Ans:

	ery day for the time sh			in this space
	Opening hours			
	8.30 a.m. to 12.00 p	o.m.		
	2 p.m. to 4.30 p.n	ո.		
	6.45 p.m. to 10.00 p	o.m.		
How many hours an	d minutes is the shop	open each day?		
•				
		Ans:	hn	nin   L
3 apples costs \$ <i>h</i> ar	nd a mango costs \$1.50 nat is the cost of 3 appl	), Mdm Lim spen		
3 apples costs \$ <i>h</i> ar and 4 mangoes. Wh	nd a mango costs \$1.50 nat is the cost of 3 appl	), Mdm Lim spen		
3 apples costs \$ <i>h</i> ar and 4 mangoes. Wh	nd a mango costs \$1.50 nat is the cost of 3 appl	), Mdm Lim spen		
3 apples costs \$ <i>h</i> ar and 4 mangoes. Wh	nd a mango costs \$1.50 nat is the cost of 3 appl	), Mdm Lim spen		
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3 apples costs \$ <i>h</i> ar and 4 mangoes. Wi	nd a mango costs \$1.50 nat is the cost of 3 appl	), Mdm Lim spen		

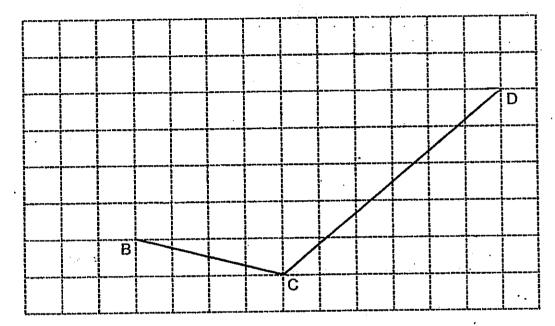
5.	There were 8 workers working on 8 machines on Monday. They worked for 8 hours each to produce 10 000 rulers. On Tuesday, 2 of the machines broke down. The 8 workers took turns working on the remaining machines. On average, how many hours would each of them have to work on the remaining machines to produce the same number of rulers?							
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For Questions 6 to 17, 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.

Do not write in this space

All diagrams in this paper are not drawn to scale unless stated otherwise.
(45 marks)

- 6. In the square grid below, BC and CD are straight lines. BC and CD form two sides of a parallelogram ABCD.
  - (a) Complete the drawing of parallelogram ABCD on the square grid below. Label point A.



[2m]

(b) Measure ∠BCD

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

	Ans:[2m]	
		·
	· · · · · · · · · · · · · · · · · · ·	
 (b)	There were 60 children who chose Dancing. What was the total number of children in the group?	
	[1m]	
(a)	The pie chart below represents the number of children who chose each activity. Label the pie chart by writing C for Cycling, S for Singing and D for Dancing in the boxes below.	
and I chose	Dancing. 70% of them chose Cycling. The percentage of children who e Dancing was 20% of the children who chose Singing.	in this space

The table below shows the different prices of the tickets for two categories in |Do not write 8. a sports competition. The ratio of the number of tickets sold for Category A to the number of tickets sold for Category B was 5:3. The amount of money collected from the sale of all the tickets was \$19 040. How many children and adults took part in the sports competition altogether?

in this space

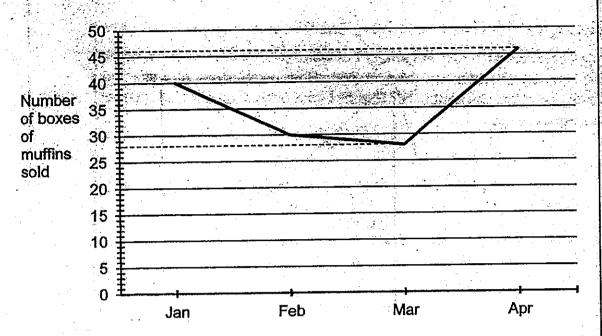
Category	Cost (\$)
A (1 adult and 1 child)	\$10
B (1 child)	\$6

Ans:	[3m]	
· · · · · ·	· · · · · ·	

				n poured in addi	
as the am	ount of-ŵate	er-she-had	l at first. How	left became twi w many litres o answer as a mi	of water did
Samantha in the simp		Collignie:	EXhicos Your	dilanei desa	Accidiance
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10. The graph shows the number of boxes of muffins sold by Mrs Lim from January to April.

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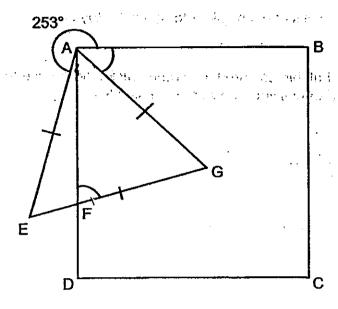


Each box of muffins cost \$25. The total amount of money collected from the sale of muffins from January to May was \$4625. How many boxes of muffins did she sell in May?

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

11. In the figure, ABCD is a square, AEG is an equilateral triangle and ∠EAB = 253°.

Do not write in this space



(a) Find ∠BAG.

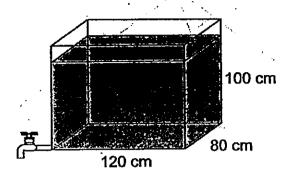
(a) Ans: \_\_\_\_\_\_ [2m]

(b) Find ∠AFG.

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

and a	of his blue ice-cream sticks to make a toy plane. He used an equal	
numb	er of ice-cream sticks of each colour to make the toy plane.	·
(a)	What fraction of all his coloured ice-cream sticks did he use to make the toy plane? Express your answer in the simplest form.	
•		
	(a) Ans:[2m]	
	(a) Ans:[2m]	
(b)	Andy had 434 coloured ice-cream sticks left, how many coloured ice-cream sticks did he have in all?	
	•	

A rectangular tank with a tap as shown was  $\frac{7}{8}$  filled with water at first. The tap in this space -13. was turned on for 4 hours. Water flowed out from the tank to fill 288 bottles. Each bottle was filled completely with 500 ml of water.



How much water flowed out of the tap per minute? (a)

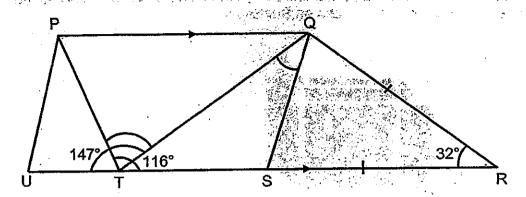
				- 1	ļ
(a)	Ans:		_ [	2m]	I
/					

After 4 hours, the tap was turned off. How much more water must be (b) added to the tank to fill it to the brim?

> [2m] (b) Ans:

14. In the figure, PQRU is a trapezium. PQ is parallel to UR. QRS is an isosceles Do not write

in this space



Find ∠PTQ (a)

(a) Ans:[2m]	

Find ∠TQS (b)

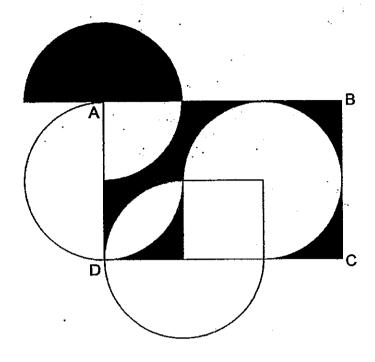
> [2m] (b) Ans:

13

15.	On Saturday, the number of boys In the end, then of boys and girl	ere were 62 increased t e were 2862 s at the zoo	0 more on 28% by 28% by more boom Sund	irls than b ut the nur bys thàn g lay?	ooys at Inber of Index Wh	the zoo. O girls decre lat was the	n Sunday ased by total nu	, the 10%. mber	Do not write in this space
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	•	·		·					
	•								<u></u>
			······································	Ar	ns:			[4m]	

16.	squ	diagram below shows the seating arrangement in a hall. The shaded ares represent the spaces between the seats. The rest of the seats follow same pattern and all seats are numbered consecutively.	Do not write in this space
	(a)	Row 1 1 2 5 5 Row 3 6 7 8 9 Row 4 10 11 12 13 14 14 14 15 14 15 14 14	
		(a) Ans:[1m]	
•	(b)	The first seat in Row 4 is numbered 10 and the last seat in Row 4 is numbered 14. In which row is the 25th seat?	
		(b) Ans:[1m]	
	(c)	If Mandy is at the 100 <sup>th</sup> seat, what will the last seat in the row she is seated at be numbered?	·
		(c) Ans:[3m]	

17. The figure shown below is made up of a rectangle ABCD and four identical three-quarter circles. The area of rectangle ABCD is 294 cm<sup>2</sup>.



What is the radius of each three-quarter circle? (a)

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

Continue part (b) on the next page.

total
What is the area of the shaded part? (b)

(Take  $\pi = \frac{22}{7}$ )

Do not write in this space

[3m] (b) Ans: \_

YEAR : 2022

LEVEL: PRIMARY 6

SCHOOL: ROYSTH SCHOOL SUBJECT: MATHEMATICS

TERM. : MID-YEAR EXAMINATION



# PAPER 1 (BOOKLET A)

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

# (BOOKLET B)

Q16	1440
Q17	A — B
Q18	$1\frac{23}{24}$
Q19	\$125
Q20	G
Q21	$\frac{1}{2} \times \frac{22}{7} \times 14$ =22 $\frac{1}{2} \times \times \frac{22}{7} \times 21$
	2 7 = 33 21 + 14 + 33 + 22 = 90 cm
Q22	(a) Erasers (b) $\frac{2u}{3u} = 100\% = \frac{200\%}{3}$ = 66.7%
Q23	$(5 \times 9) + 10 - \frac{4 \times 9}{3}$ $= 45 + 10 - \frac{36}{3}$ $= 55 - 12$ $= 43$
Q24	50°
Q25	11u:110 1u:10 16u:\$160 \$160

Q26	(a) · · · · · · ·	• . ,	
		•	
	(b)	•	
Q27	No. of gp: 158 ÷ 20 = 39R2 39 x 20=780 780 + 2 + 3 =785		
Q28	2u: 2.10 + 3.60 + 2.10 = 7.80 1u: 7.80 ÷ 2 = 3:90 3.90 + 2.10	•	
Q29	8 comics & 8 magazines 9 comics & 6 magazines 2 comics = 1 magazines Ans: 12		
Q30	· True	False / · · ·	Not possible to tell

YEAR : 2022

**LEVEL : PRIMARY 6** 

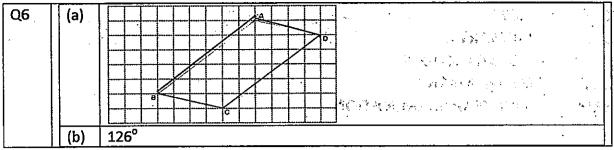
SCHOOL: ROYSTH SCHOOL SUBJECT: MATHEMATICS

TERM. : MID-YEAR EXAMINATION



# (PAPER 2)

Q1	(PAPE	<u> </u>		· · · · · · · · · · · · · · · · · · ·
3.2 - 1 = 2.2 2.2 + 2.2 + 3.2 + 3.2 = 10.8 10.8 + 10.4 = 21.2m  Q2 B:G:T 2:3:5 14:21:35  B:G 34:36  Q3 3.15 + 2.30 + 3.30 = 8.75 Ans: 9h 15 min  Q4 15 apple: 5h 4 x 1.50 = 6 6 + 5h = 16 5h = 10 H = 10 ÷ 5 = \$2  Q5 8 x 8 = 64 64 ÷ 6	Q1	1+3.2+1+1+3.2		
= 2.2 2.2+2.2+3.2+3.2 = 10.8 10.8+10.4 =21.2m  Q2		= 10.4		
2.2 + 2.2 + 3.2 + 3.2 = 10.8		3.2 – 1		
= 10.8 10.8 + 10.4 =21.2m Q2 B:G:T 2:3:5 14:21:35 B:G:T 4:3:7 20:15:35 B:G 34:36 Q3 3.15 + 2.30 + 3.30 = 8.75 Ans: 9h 15 min Q4 15 apple: 5h 4 x 1.50 = 6 6 + 5h = 16 5h = 10 H = 10 ÷ 5 = \$2 Q5 8 x 8 = 64 64 ÷ 6	• • •	= 2.2		• ;
= 10.8 10.8 + 10.4 =21.2m Q2 B:G:T 2:3:5 14:21:35 B:G:T 4:3:7 20:15:35 B:G 34:36 Q3 3.15 + 2.30 + 3.30 = 8.75 Ans: 9h 15 min Q4 15 apple: 5h 4 x 1.50 = 6 6 + 5h = 16 5h = 10 H = 10 ÷ 5 = \$2 Q5 8 x 8 = 64 64 ÷ 6	· '	2.2 + 2.2 + 3.2 + 3.2		<b>,</b>
=21.2m  Q2				
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14:21:35  B:G:T 4:3:7 20:15:35  B:G 34:36  Q3	Q2	B:G:T		
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4:3:7 20:15:35  B:G 34:36  Q3		14:21:35		•
4:3:7 20:15:35  B:G 34:36  Q3	ļ	·		•
20:15:35  B:G 34:36  Q3		B:G:T		•
B:G 34:36  Q3		4:3:7		
34:36 Q3 3.15 + 2.30 + 3.30 = 8.75 Ans: 9h 15 min Q4 15 apple: 5h 4 x 1.50 = 6 6 + 5h = 16 5h = 10 H = 10 ÷ 5 = \$2 Q5 8 x 8 = 64 64 ÷ 6	j	20:15:35		•
34:36 Q3 3.15 + 2.30 + 3.30 = 8.75 Ans: 9h 15 min Q4 15 apple: 5h 4 x 1.50 = 6 6 + 5h = 16 5h = 10 H = 10 ÷ 5 = \$2 Q5 8 x 8 = 64 64 ÷ 6				
Q3		B:G	•	
= 8.75 Ans: 9h 15 min  Q4				
Ans: 9h 15 min  Q4	Q3	3.15 + 2.30 + 3.30		•
Q4 15 apple: 5h 4 x 1.50 = 6 6 + 5h = 16 5h = 10 H = 10 ÷ 5 = \$2 Q5 8 x 8 = 64 64 ÷ 6		= 8.75		
4 x 1.50 = 6 6 + 5h = 16 5h = 10 H = 10 ÷ 5 = \$2 Q5		Ans: 9h 15 min		
= 6 6+5h = 16 5h = 10 H = 10 ÷ 5 = \$2 Q5	Q4	15 apple : 5h		•
6+5h = 16 5h = 10 H = 10÷5 = \$2 Q5		4 x 1.50	•	
= 16 5h = 10 H = 10 ÷ 5 = \$2 Q5 8 x 8 = 64 64 ÷ 6		= 6	•	
5h = 10 H = 10 ÷ 5 = \$2 Q5		6 + 5h		·
H = 10 ÷ 5 = \$2 Q5		= 16		
= \$2 Q5		5h = 10		
Q5	Í	H = 10 ÷ 5		
= 64 64 ÷ 6		= \$2		
64 ÷ 6	Q5	.8 x 8		
		= 64		
= 10 2/3h		64 ÷ 6		
		= 10 2/3h		



<u> </u>	(a)	126			<del></del>					
								·		<del></del> r
Q7	(a)			·				· .		·
		Ē	<u> </u>		•					
	(b)	D:S 20:100 1:5		•	٠.					
		5 + 1 = 6 60 x 6 = 360							•	
		360 ÷ 3 = 120 120 x 10 = 1200			· •	•				
Q8	A:B									
	5:3	5) . ( 6 5)								
	$\begin{array}{c} (10 \text{ x}) \\ = 68 \end{array}$	5) + ( 6 x 3)	•							
	19040	) ÷ 68							•	
	=280						•			
	280 x								:	
	= 364									
Q9	3/8 x	4							•	
	= 3/2 4 - 3/	2 – 2/3	•						:	
	= 15/					٠				
	8-1									
	= 6 1/			<del></del>						
Q10	1	80 + 28 + 46								
	= 144									
	144 x = 360									
}	,	– 3600								
	Ł	– 3600		•						
1	= 102									
1	1025	÷ 25 = 41								

Q11	(a)	360 - 60 - 253		<u> </u>
		= 47°	*	
1 1	(b)	180 - 60 - 43		•
		= 77°		
Q12	(a)	RYB		
		3/4 2/5 3/8		
		6/8 6/15 6/16		:
		8 + 15 + 16		
		= 39		
		18/39 = 6/13		·
	(b)	39-18	$H_{ij}$	
]		= 21		
		$\frac{434}{21} \times 39$		İ
·		= 806		}
Q13	(a)	$\frac{7}{8}$ x 120 x 80 x 100		
1	1	= 840000		İ
		288 x 500		
		= 144000		
		840000 144000		
		= 69600		
		4 x 60 = 240	•	
		4000 – 240  =600ml		
	(b)	120 x 80 x 100		
	(5)	= 960000		
		960000 – 969000		
		= 264000ml · ·		

Q14	(a)	180 - 147 = 33 180 - 116 = 64 180 - 64 - 33 = 83°	
	(b)	180 - 33 - 106 = 41°	
Q15	38u = = 342 3420 = 90 218u = 196	÷ 38 : 90 x 218 520 0 + 558	

Q16	(a)	9		The state of the s
٠, .	(b)	6		
	(c)	27+8+9+10+11+12-	+ 13 + 14	ESTERON BENERAL PROPERTY.
		= 104		
Q17	(a)	294 ÷ 6 = 49	•	
<i>:</i> •		$\sqrt{49} = 7 \text{ cm}$		
	(b)	14 x 14 = 196	· •	
1		$\frac{22}{7}$ x 7 x 7		
		= 154		
, •		196 – 154	•	
		= 42		
:		$\frac{1}{2} \times \frac{22}{7} \times 7 \times 7$	•	
_		= 77		
		14 x 7		
		= 98		
•		98 – 77 = 21		
	,	77 + 21 + 42	•	
·		= 140cm		

ě.