



RAPHA EXAMINATIONS BOARD

e-mail: raphaexaminationsboard@gmail.com

contacts: 0778710993/0740540111

PRIMARY FIVE EXAMINATIONS 2024 (SET 2)

MATHEMATICS

Time allowed: 2 hours 30 minutes

Pupil's name:

Signature: **Date**.....

School name:

District:

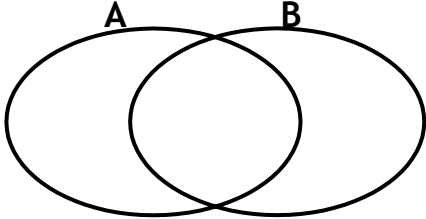
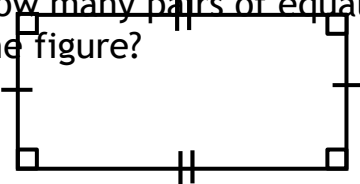
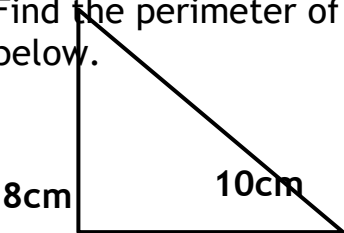
READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

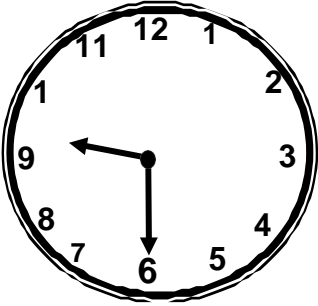

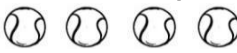
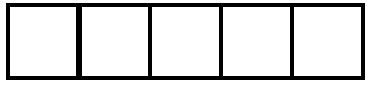
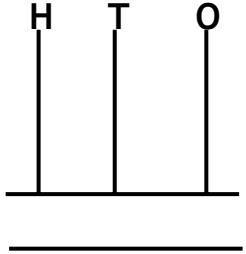
1. This paper has two sections **A** and **B**
2. All the working in both sections **A** and **B** should be shown in the spaces provided
3. All working must be done using blue or black ball point pen or fountain pen. Diagrams **MUST** be drawn in pencil
4. Unnecessary changes of work may lead to loss of marks
5. Any handwriting that cannot be easily read may lead to loss of marks
6. Do not fill in anything indicated for *examiners use only* and those inside the paper

For examiner's use only

SECTION	MARKS	INITIALS
SECTION A		
SECTION B		
TOTAL		

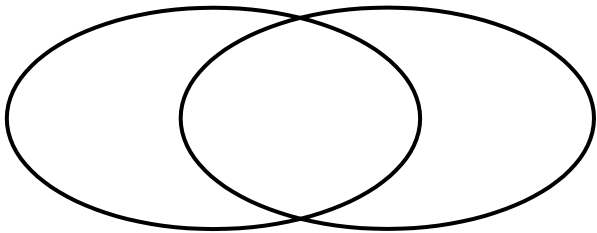
SECTION A. (40 MARKS)

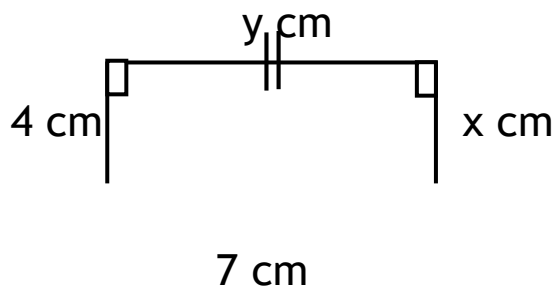
1	Workout: 2×5 (02 marks)	2	Fill in the blank spaces. (02 marks) $74 = \underline{\hspace{1cm}}$ tens $\underline{\hspace{1cm}}$ ones
3	Shade: $A \cap B$ in the Venn diagram below. (02 marks) 	4	Find the next number in the sequence below. (02 marks) $1, 3, 6, 10, \underline{\hspace{1cm}}$
5	Change $2\frac{1}{4}$ into an improper fraction. (02 marks)	6	What is the square of 16? (02 marks)
7	How many pairs of equal sides has the figure? (02 marks) 	8	Find the perimeter of the figure below. (02 marks) 

9	<p>Tell the time. (02 marks)</p> 	10	<p>If  represents 5 balls, how many balls are represented by:  (02 marks)</p>
11	<p>Shade: $\frac{3}{5}$ in the diagram below. (02 marks)</p> 	12	<p>Find the L.C.M of 3 and 12. (02 marks)</p>
13	<p>Write 19 in Roman numerals. (02 marks)</p>	14	<p>Show 302 on the abacus below. (02 marks)</p> 
15	<p>Share Sh. 5000 equally among 5 boys. (02 marks)</p>	16	<p>Find the sum of the first 5 odd numbers. (02 marks)</p>

17	The cost of a book is Sh. 2400. What is the cost of 2 similar books at the same rate? <i>(02 marks)</i>	18	If 1kg = 1000g. How many grams are in 3kg? <i>(02 marks)</i>
19	Simplify: 3girls + 7 girls. <i>(02 marks)</i>	20	What number has been expanded to give? <i>(02 marks)</i> (1 x1000)+(9 x100)+(3 x10)+(8 x1)

SECTION B. (60 MARKS)

21	<p>Given that: $Q = \{ \text{cow, goat, sheep, cat} \}$ $R = \{ \text{rat, pig, cow, man, goat} \}$</p> <p>(a) Represent the above information on the Venn diagram. <i>(03 marks)</i></p> <div style="text-align: center;"> <p>Q R</p>  </div> <p>(b) Find: $n(Q \cap R)$ <i>(01 mark)</i></p> <p>(c) Write down the members of set R only. <i>(01 mark)</i></p>	
22	Study the rectangle below and answer the questions that follow.	



(a) Find the value of y .

(01 mark)

(b) Find the value of X .

(01 mark)

(c) What is the perimeter of the above rectangle?

(02 marks)

(b) Work out the area of the above rectangle.

(02 marks)

23 Below is a pricelist of items sold in Mr. Kabanda's shop. Study it and answer the questions that follow.

<i>Item</i>	<i>Costs</i>
<i>1 book</i>	<i>Sh. 1000</i>
<i>1 kg of sugar</i>	<i>Sh. 3000</i>
<i>1 bar of soap</i>	<i>Sh. 2500</i>

(a) Which item is the cheapest?

(01 mark)

(b) If Okia bought 2 bars of soap and a kg of sugar, how much money did he pay altogether?

(02 marks)

(c) If Okia bought 3 books, how much money did he pay altogether? **(02 marks)**

(d) If Okia went with Sh. 4000 and bought 1 bar of soap, what was his balance?
(01 mark)

24 (a) Expand: **8467** using values. **(02 marks)**

(b) What is the place value of **9** in **4967**? **(01 mark)**

(c) Write **2015** in words. **(01 mark)**

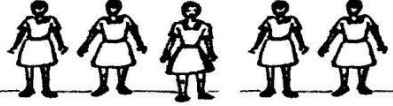


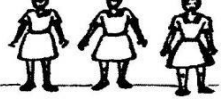
(d) Write: **Thirty six thousand six** in figures. **(01 mark)**

25 Study the pictograph below and answer the questions that follow.

Key.



Represents 10 pupils.

Classes	Pupils
P.1	
P.2	
P.3	
P.4	

(a) Which class has the highest number of pupils? (01 mark)

(b) Write two classes which have the same number of pupils. (02 marks)

(c) How many more pupils are in P.1 than P.3? (02 marks)

(d) How many pupils are there in all classes? (02 marks)

26 (a) Add: (02 marks)

Week	Days
2	4
+ 1	5

P T O

(b) Subtract: (02 marks)

Hours Minutes

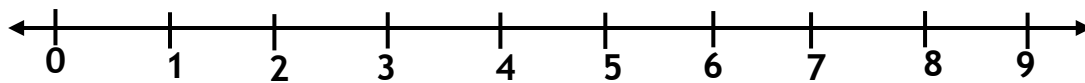
5	20
- 3	50
<hr/>	
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27	(a) Write down the factors of 15.	(02 marks)
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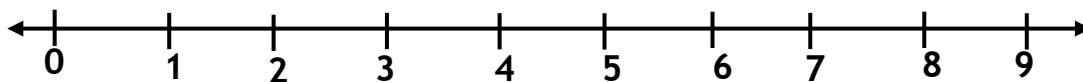
(b) Find the **G.C.F** of **6** and **9**. **(02 marks)**

(c) Write the first four composite numbers. (01 mark)

28	Use the number line below to workout. (a) $3 + 5$	(02 marks)
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(b) **8 - 6** **(02 marks)**



29	(a) Find the next two equivalent fractions to $\frac{2}{5}$, _____, _____	(02 marks)
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(b) Workout: $\frac{1}{2} + \frac{1}{3}$ (02 marks)

(c) Arrange from the smallest to the biggest. (01 mark)

$\frac{3}{7}$, $\frac{2}{7}$, $\frac{6}{7}$, $\frac{4}{7}$

30 (a) Add: (02 marks)

$$\begin{array}{r} 23 \text{ four} \\ + 43 \text{ five} \\ \hline \end{array}$$

(b) Subtract: (02 marks)

$$\begin{array}{r} 41 \text{ two} \\ - 34 \text{ five} \\ \hline \end{array}$$

31 (a) Complete the table below. (01 mark each)

Metre.	1	_____	4	_____
Centimetre	100	200	_____	600

(b) Add:

	M	CM
	3	70
+	1	56
<hr/>		
<hr/>		

(02 marks)

32 Complete the factor tree below.

(04 marks)

