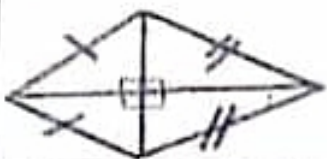


**SECTION: 40 MARKS**

Attempt all questions in this section  
Questions 1 to 20 carry two marks each

1	Work out: $\begin{array}{r} 1\ 2 \\ + 4\ 3 \\ \hline \end{array}$	2	Name the quadrilateral below. 
3	Work out: $7\frac{1}{10} - 5\frac{2}{10}$	4	Write the place value of 6 in the number 96,431
5	The perimeter of a square is 40m. Find the side of the square	6	Simplify: $9 + 4$
7	A class had some exercise books in term one; in term two they received 125 more exercise books. In total, they got 135 exercise books. How many exercise books did they receive in term one?	8	A man had two families. Family A with 5 children, family B with 3 children. He intends to give land to his children. How many acres will he divide among his children equally?


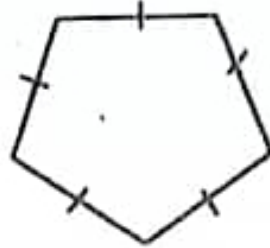
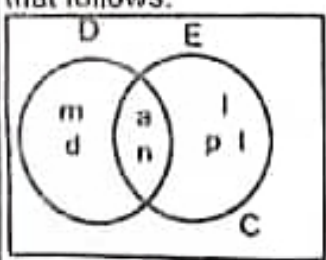


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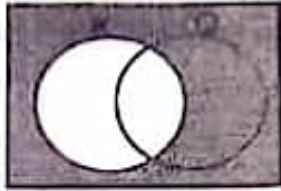
**R6 MATHEMATICS END OF TERM ONE EXAMINATION - 2023**

HOPE, EFFORT, THINKING AND EXERCISE LEAD TO ACHIEVEMENT WITH THE ACTIVITY BOOK, TENS, TENS OF HUNDREDS AND PUPIL'S COMPANION

1

9.	Work out the number of quarters in 36kg of sugar.	10.	A girl bought a pair of shoes at sh.25,000. She sold it to a friend at a rate of sh.23,500. What loss did she make?
11.	Write 90,438 in words.	12.	The time shown on the digital watch was for a commercial break, show it on the clock face. 
13.	A chemist prepared 2 litres of medicine and she wanted to pack it in millilitres. Find how many millilitres she will have before packing.	14.	Show the lines of folding symmetry in the figure below. 
15.	Given the venn diagram below, use it to answer the question that follows.  Find $n(D \cap E)$ complement.	16.	Sanyu Babies Home brought thirty-two babies for immunisation on a certain day. Express the information in tally form.

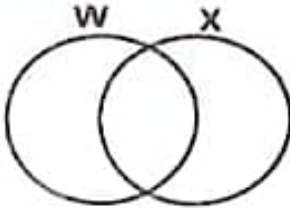


17.	Simplify: $6k - 7w + 2w - k$	18.	Complete the sequence below 16, 25, 36, 49, _____
19.	A motorist rode for 3 hours a distance of 75km. What speed did she use?	20.	Describe the shaded region. 

### SECTION B: 60 MARKS

Attempt all questions in this section.

Marks for each part of the question are indicated in the brackets

21.a)	During the dog's training, the instructor told it to move 2 steps backwards then change direction and move 6 steps forward. Express the dog's movement on the number line.	b)	State the <b>position</b> of the dog after the instruction.
	(03Marks)		(01Mark)
22.	<p>Given that:  <math>W \cup X = \{a, e, c, k, l, r, q, p\}</math>  <math>W - X = \{p, q, r\}</math>  <math>W \cap X = \{a, c, k\}</math></p> <p>a) Represent the information on the venn diagram below.</p> <div style="text-align: center;">  </div> <p>b) Find <math>n(W \cap X)</math></p>		
			(03Marks)
			(02Marks)



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R6 MATHEMATICS END OF TERM ONE EXAMINATION - 2023

ENTER, CRITICAL THINKING AND EXPLORE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAR, TR'S OLIVER AND PLEAS COMPANY



23 The bill table below shows how the father went shopping for his family.

a) Complete the bill table.

Item	Qty	Unit cost	Amount
rice	3kg	sh4500	_____
sugar	_____	sh5000	sh10,000
cooking oil	$\frac{1}{2}$ kg	_____	sh5000
salt	_____ kg	sh2000	sh500
soap	1bar	sh6000	sh6000

(04Marks)

Find his change if he went with sh.50,000.

(02Marks)

24 a) Using a ruler, a pair of compasses and a pencil only, construct a rectangle BCDE where  $\overline{BC} = 8\text{cm}$  and  $\overline{CD} = 5\text{cm}$ .


(04Marks)

b) Measure length  $\overline{BD}$ .

(01Mark)





25.	<p>24 bottles of soda are packed in a crate. A factory packs 120 crates in one hour.</p> <p>a) How many bottles are packed in a half a day?</p> <p>b) Musa has 60 layers in his poultry farm. Each lays 7 eggs in a week. How many trays of eggs does he collect in 3 weeks?</p>
26 a)	<p>Work out: Hours      min</p> $\begin{array}{r} 4 \quad 30 \\ + 2 \quad 50 \\ \hline \end{array}$
b)	<p>Tell the afternoon time.</p> 
27 a)	<p>If <math>a = 6</math>, <math>b = -2</math> and <math>C = 5</math></p> $\frac{2c + b}{a}$
b)	<p>Solve;</p> $p - 6 = 2$




3. A man had two families. Family A with 5 children, family B with 3 children. He intends to give land to his children. How many acres will he divide among his children equally?

her, does it need LCM application or what?

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NE EXAMINATION - 2023

THE ACTIVITY BOOKS, SEMAS, TUS GUIDES AND PUPIL'S COMPANIONS

28. a)	What number has been expanded to give $(2 \times 10,000) + (6 \times 1000) + (1 \times 10)$ ?	b)	Work out; $\begin{array}{r} 210_{\text{hrs}} \\ -143_{\text{hrs}} \\ \hline \\ \hline \end{array}$
	(02Marks)		(02Marks)
29. a)	Without dividing, which number is divisible by 3? 345, 874	b)	The sum of 3 consecutive even numbers is 54, what is the largest number?
	(02Marks)		(03Marks)
30	The rectangular table measures 150cm by 90cm. A table cloth of 100cm by 70cm was laid onto it. Find the area of the table that was not covered with the table cloth. 		
			(05marks)



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**R.G MATHEMATICS END OF TERM ONE EXAMINATION - 2023**

KNOWLEDGE, SKILL AND ATTITUDE: ACQUISITION OF KNOWLEDGE, SKILL AND ATTITUDE THROUGH THE ACTIVITY BOOKS, TEXTBOOKS AND PUPIL'S EXERCISES



31

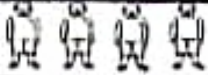


Arrange the fractions in ascending order.


 $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{1}{3}$  and  $\frac{3}{5}$ 

(05marks)

32

The pictograph below shows the distribution of people in the divisions of a certain district. Study and use it to answer the questions that follow.

Division	Population
Eastern	
Western	
Northern	

Scale  reps 200 people

a) Find how many people live in each division.

(03marks)

b) Work out the average number of people in the division.

(03marks)



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R6 MATHEMATICS END OF TERM ONE EXAMINATION - 2023

NOTE: CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SCENE, TH'S GUIDES AND PUPIL'S EXPANSIONS