

# THE JEROX BEGINNING OF TERM III EXAMINATION 2024

## Primary Five Mathematics

TIME ALLOWED: 2 HOURS 30 MINUTES

NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_

SCHOOL \_\_\_\_\_ DISTRICT \_\_\_\_\_

STREAM \_\_\_\_\_

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO**

### READ THE FOLLOWING INSTRUCTIONS CAREFULLY

- 1 The paper is made up of two sections A and B
- 2 Section A has 20 questions (40 marks) and Section B has 12 questions (60 marks)
- 3 Answer all questions in both sections A and B.
- 4 All answers must be written in the spaces provided in **BLUE** or **BLACK** ink.  
Only diagrams should be drawn in pencil.
- 5 Unnecessary crossing will lead to loss of marks
- 6 Poor handwriting, which cannot be easily read may lead to loss of marks.

### FOR EXAMINER'S USE ONLY

SECTION	SCORES	REMARKS
A		
B		
<b>TOTAL</b>		

Teacher's comment to the pupil

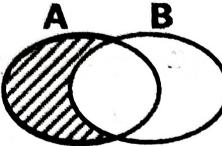
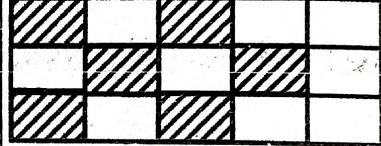
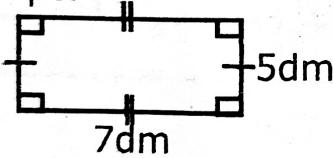
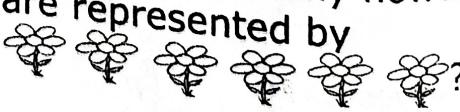
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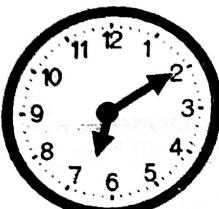
## SECTION A (40 Marks)

1.	<b>Workout:</b> $\begin{array}{r} 4 \quad 3 \\ \times \quad 2 \\ \hline \end{array}$	2.	Write in figures: One thousand, nineteen.
3.	Describe the shaded region on the Venn diagram. 	4.	Find the next number in the series. 29, 23, 17, 11, _____
5.	A cup of milk costs <b>Sh.1100</b> . find the cost of three cups of milk at the same rate.	6.	What fraction is unshaded on the diagram? 
7.	Find the distance round the shape. 	8.	Juma bought a hen at <b>sh.20,000</b> and later sold it at <b>sh.17,000</b> . What loss did he make?
9.	<b>Subtract:</b> $\frac{5}{3} - \frac{2}{12}$	10.	Given that  represents 8 flowers, how many flowers are represented by 

11. Find the greatest common factor (**G.C.F**) of **12** and **15**.

12. Change **4kg** to grams.

13. What morning time is shown on the clock face below?

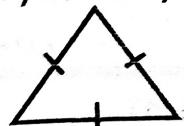


15. Simplify;  
 $4\text{cows} + 3\text{cows} + 1\text{cow}$ .

14. Write **234<sub>five</sub>** in words.

16. In the space below draw an angle of **70°**.

17. How many lines of folding symmetry has the shape?



18. A farmer had **918** birds on the farm and sold **812** birds. How many birds does he have altogether?

19. A forty minutes lesson started at **9:10am**. When did the lesson end?

20. Below are two sets.

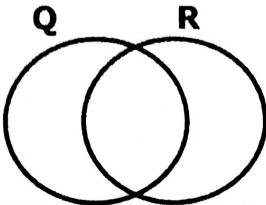
A  
4  
5  
9

B  
9  
4  
5

Describe the above sets.

**SECTION B (60 Marks)**

21. Given that  $Q = \{1, 2, 3, 4, 5, 6, 7\}$  and Set  $R = \{0, 2, 4, 6, 8\}$   
Represent the sets on the Venn diagram.



(03 marks)

- (b) Find  $n(Q - R)$

(02 marks)

22. (a) Use  $<$ ,  $>$  or  $=$  to complete correctly.  
500gm \_\_\_\_\_ 1kg

- (b) Express 5 litres to millilitres

(01 mark)

(02 marks)

- (c) Add:    i      mi

$$\begin{array}{r} 2 \quad 6 \; 5 \; 3 \\ + 4 \quad 3 \; 4 \; 7 \\ \hline \end{array}$$

(02 marks)

23. One day,  $\frac{1}{8}$  pupils were absent and the rest were present.

- (a) What fraction of the class was present that day?

- (b) If the class has an enrolment of 56 pupils, how many pupils were absent that day?

(02 marks)

(02 marks)

24. What number has been expanded to give  $(2 \times 10^2) + (7 \times 10^3) + (9 \times 10^0)$ ?

(b) Find the sum of the value of 3 and value of 4 in **83645**.

(02 marks)

(03 marks)

25. Two towns are **210km** apart. A car covered the distance at a speed of **70km/h**.

(a) Calculate the time the driver took to cover the whole journey.

(b) Change 300 minutes to hours.

(02 marks)

(02 marks)

(c) How many hours make **3** days?

(02 marks)

26. Name the place value of 3 in  
(a) **27.436.**

**(b) Workout:  $35.126 + 2.9$**

(01 mark)

(02 marks)

(c) Convert 0.25 to a common fraction.

(02 marks)

27. **Workout:**  $3\ 2\ 4_{\text{five}}$

$$\begin{array}{r} + 3\ 2\ 1_{\text{five}} \\ \hline \end{array}$$

(b) Express  $43_{\text{five}}$  to base ten.

(02 marks)

28. Okelo went shopping and bought the following items;

- 1 kg of rice at sh 4000
- A kg of sugar at sh 3600
- 1 kg of maize flour at sh 2000
- A litre of milk at sh 2200

(a) How much will 2 litres of milk at the same rate cost?

(02 marks)

(b) How much will one pay for a kg of rice, a kilogram of sugar and a litre of milk?

(02 marks)

(c) Find the cost of  $\frac{1}{2}$  kg of sugar.

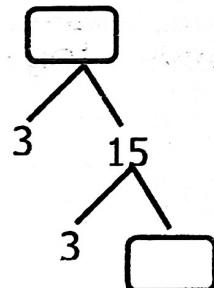
(02 marks)

29. With help of a ruler and a pair of compasses only. Construct a square **ABCD** of **4cm** as its side.

(a) Measure the diagonal line **BD**.

(04 marks)

30. Find the missing number in  
(a) the factor tree.



(02 marks)

(b) Write a set of odd numbers less than **10**.

(01 mark)

(c) Find the sum of prime numbers less than **10**.

(02 marks)

31.	(a) Complete the missing numbers. $20 \div \boxed{\quad} = 4$	(b)	$\boxed{\quad} - 4 = 20$
	(02 marks)		

- (c) Dan had 3 heaps of 4 mangoes each. How many mangoes had he altogether?  
  
*Handwritten answer: 12*  
(01 mark)

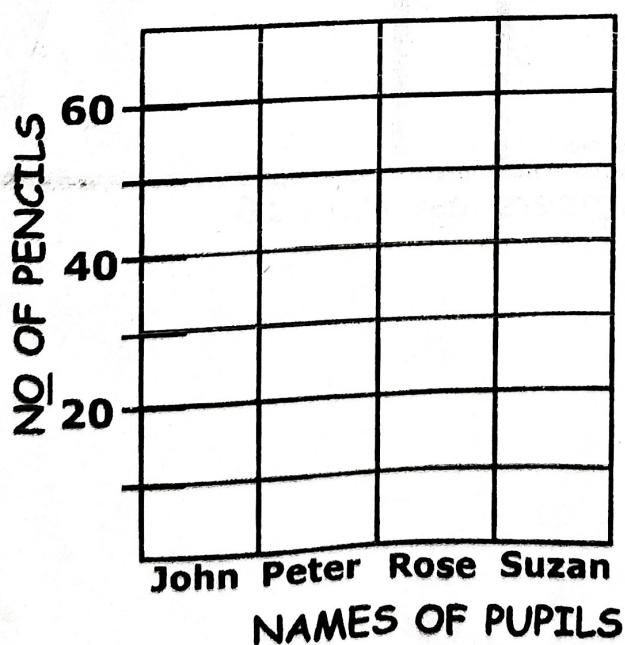
32. The table below shows pencils donated to different pupils.

Pupil	John	Rose	Peter	Suzan
No. of pencils	40	50	40	70

- (a) How many pencils did the donor give the pupils altogether?

(01 mark)

- (b) Draw a bar graph to show the pencils donated.



(04 marks)