



THE E-LEARN EXAMINATIONS BOARD

P.4 MID TERM ONE EXAMINATIONS

2025

MATHEMATICS

Time Allowed: 2 hours 30 minutes

Index No.

Random No.						Personal No.		

Pupil's Name: .....

School Name: .....

District: .....

Read the following instructions carefully:

- Do not write your **school** or **district name** anywhere on this paper.
- This paper has **two** sections: **A** and **B**. Section **A** has **20** questions and section **B** has **12** questions. The paper has **12 printed pages**.
- Answer **all** questions. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
- All** the working **must** be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
- No calculators** are allowed in the examination room.
- Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
- Do not fill anything in the table indicated **"FOR EXAMINERS' USE ONLY"** and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN. NO.	MARKS	EXR'S NO.
1 – 5		
6 – 10		
11 – 15		
16 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
31 – 32		
<b>TOTAL</b>		

**SECTION A: 40 MARKS**

*Answer all questions in this section*

*Questions 1 to 20 carry two marks each*

1. Subtract  $30 - 19$

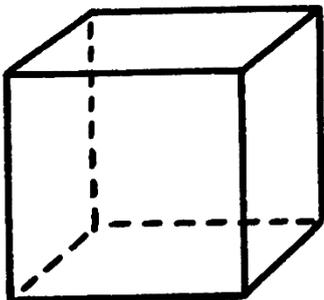
2. Given that set  $P = \{0, 2, 6, 8, 10, 12\}$  Find  $n(P)$ .

3. Fill in the missing numbers in the sequence below.

350, 400, 450, .....

4. A water tank was  $\frac{11}{15}$  full of water.  $\frac{4}{15}$  was used for washing clothes in the morning. What fraction of water remained in the tank?

5. Name the shape below (all sides are equal)



.....

6. How many litres of fuel can be carried by jerry cans **A** and **B** altogether?



7. Simplify: **4** books + **2** books – **3** books.
8. The cost of a cake is sh.2000. How many coins of shs.500 does Tom need in order to buy that cake?
9. What number has been expanded to give **800 + 70 + 6** ?
10. Given that  represents 10 balls. Draw pictures to represent 40 balls.
11. Workout  $7 + \square = 13$
12. Kasibante laid a carpet measuring 8 cm length and 5 cm width on the floor of his bedroom. Find the perimeter of the carpet.
13. There are 205 women and 198 men on a train. How many people are on the train?

**Turn Over**

14. Convert 4 weeks to days.

15. Container A and B were filled with water.



How much more water is in container A than in container B.

16. Express 24 as Roman Numerals.

17. What is the place value of **7** in the number **2798**?

18. Share 150 mangoes among 5 boys. How many mangoes does each boy get?

19. Workout  $\underline{9} + \underline{4}$   
**15 15**

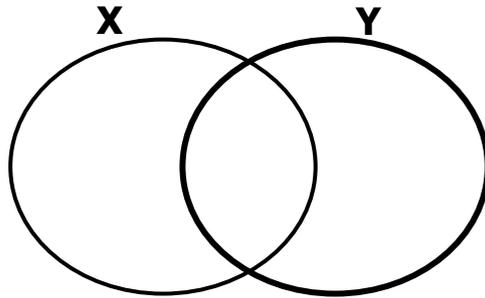
20. Write 395 in words.

**SECTION B: 40 MARKS**

Answer **all** questions in this section.

Marks for each question are indicated in the brackets

21. Given that  $X = \{a,b,e,g,h\}$  and  $Y = \{t,a,e,b,i,c\}$   
(a) Show the information on the Venn diagram below: (03 marks)



- (b) How many members make the union set of X and Y? (02 marks)

22. (a) Which month has 28 or 29 days? (01 mark)

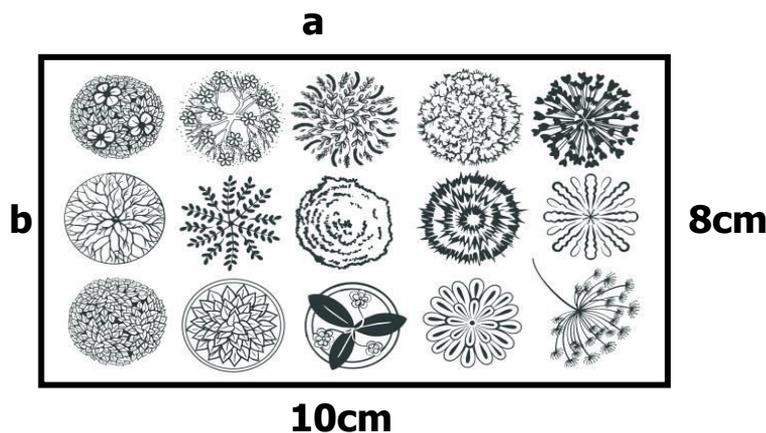
- (b) Ann is 18 years. Amos is 14 years. (01 mark each)

(i) Who is older?

(ii) Who is younger?

- (iii) Find the difference in their age? (02 marks)

23. The diagram below shows a rectangular flower garden.



Turn Over

- (a) Find the value of; *(01 mark each)*
- (i) a .....
- (ii) b .....
- (b) Calculate the area occupied by the flower garden. *(02 marks)*

24. Workout *(02 marks each)*

a) 
$$\begin{array}{r} 2489 \\ -1234 \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 23 \\ \times 3 \\ \hline \end{array}$$

c) 
$$\begin{array}{r} 4834 \\ +432 \\ \hline \end{array}$$

25. Complete the table below. *(01 mark each)*

No.of stools	1	2	4		7
No.of legs	3			18	

(b) A cow has 4 legs. How many legs do 6 cows have? *(02 marks)*

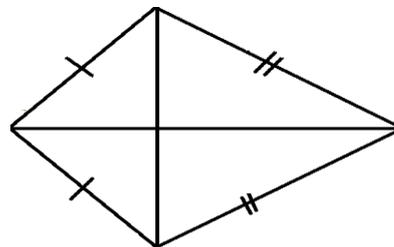
26. (a) Find the shaded fraction in the figure below. (02 marks)



b. John ate  $\frac{2}{6}$  of his sugarcane in the morning and  $\frac{1}{6}$  in the evening. What fraction of the sugarcane did he eat altogether? (02 marks)

c. Workout  $\frac{8}{12} + \frac{1}{12}$  (02 marks)

27. Name these shapes below.



(01 mark each)

a. ....

b) .....

Draw these shapes. (02 marks each)

<b>Rectangle</b>	<b>Cone</b>

28. Solve the following equations.

*(01 mark each)*

a)  $\square - 4 = 7$

a)  $\square + 5 = 11$

b)  $\frac{\quad}{3} = 2 = 11$

29. Study the shopping list below and answer questions that follow.

Book sh.1000

Pencil sh.500

Ruler sh.1000

Cup sh. 2500

(i) Which item is the most expensive?

*(01 mark)*

(ii) Find the cost of 3 rulers.

*(02 marks)*

(iii) Find the total cost of a book and a cup.

*(02 marks)*

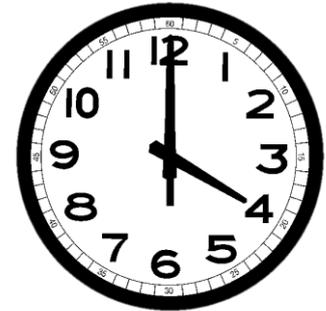
30. Use the signs  $>$ ,  $<$  or  $=$  to complete the statement.

(01 mark each)

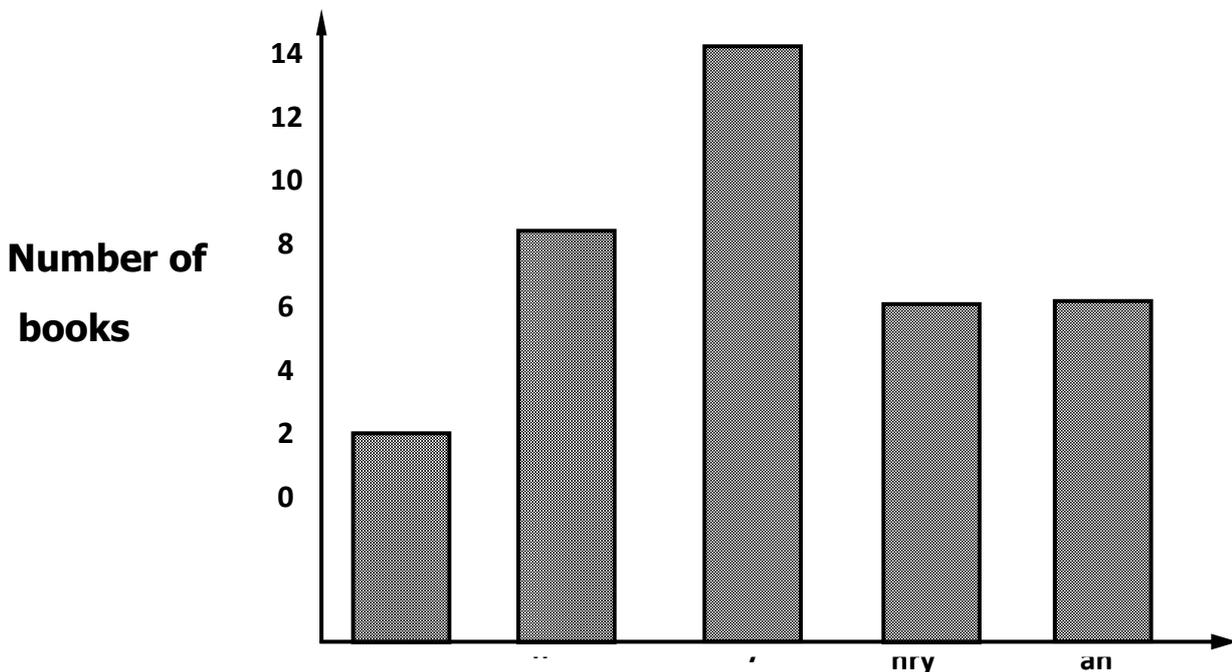
- (i) 60 minutes .....1hr
- (ii) 2 weeks ..... 7days
- (iii)  $6 \times 3$  ..... $4 \times 3$
- (iv)  $\frac{1}{2}$  ..... $\frac{1}{4}$
- (v) 10 months ..... 1year

31. Show the following time on the clock face.

(02 marks each)



32. The diagram below shows the number of books collected by pupils of Primary four class.



(i) Who has the least number of books *(01 mark)*

(ii) Which two pupils have the same number of books? *(02 marks)*

(iii) Find the total number of books that Mary, Henry and Sarah have.

*(02 marks)*