



# ORION EXAMINATIONS BOARD

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## PRIMARY SEVEN WEEKLY ASSESSEMENT SET-5-2025

**MATHEMATICS**  
*Time Allowed: 2 Hours : 30 Minutes*

Random No.						Personal No.		

**CANDIDATE'S NAME:** .....

**CANDIDATE'S SIGNATURE:**.....

**DISTRICT NAME:**.....

Read the following instructions carefully:

- 1.This paper has **two** sections: **A** and **B**.
- 2.Section **A** has **20** questions (**40 Marks**)
- 3.Section **B** has **12** questions (**60 marks**)
- 4.Answer **all** questions. **All** answers to both sections **A** and **B must** be written in the spaces provided.
- 5.**All** answers must be written using a **blue** or **black ball** point **pen** or **ink**. Diagrams should be drawn in a pencil.
6. **Unnecessary** changes in your work may lead to **loss** of marks.
7. Any handwriting that **cannot** be easily read may lead to **loss** of marks.
8. **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 – 10		
11 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
32 – 32		
<b>TOTAL</b>		

**TURN OVER**

## SECTION: A

Answer **all** questions **in** this section.

Questions **1** to **20** carry **two** marks each.

1. Multiply: **43 x 2**

2. Write **403,000** in words.

3. Express **11: 45pm** to **24** hour clock.

4. If  represents **12** trees. Draw pictos to represent **60** trees.

5. Use distributive property to work out:  $(290 \div 70) - (10 \div 70)$ .

6. Change **341<sub>six</sub>** to base ten.

7. Simplify: **4y + 2x + 5y - 3y**.

8. Find the **GCF** of **8** and **12**.



9. A taxi drove a distance of **480km** in **2hours**. Calculate the speed.

10. Add:  $\frac{5}{8} + \frac{3}{5}$

11. Round off **64389** to the nearest hundreds.

12. Solve and give the solution set for:  $x + 5 < 7$ .

13. Express  $\frac{1}{8}$  as a decimal number.



14. If today is Tuesday, what day of the week was it **50** days ago ?

15. Set **K** has **31** proper subsets. How many elements are in set **K** ?

16. By selling a shirt for **shs. 25,000**, a trader made a lose of 30%. How much money did the trader buy the shirt ?

17. Arrange **-3, -8, 3, 0, 9** and **-2** in ascending order.

18. The area of a square garden is  **$5\frac{1}{16}m^2$**  . Find the length of each side.



19. The temperature in Dubai at 8:00a.m was  $8^{\circ}C$ . It decreased to  $-7$ . What was the decrease in temperature ?

20. In a basket of mangoes, 12% of the are in a good condition and 88 of them are rotten. Find the total number of mangoes in the basket.

## SECTION B: 60 MARKS

Answer **all** questions in **this** section.

Marks for **each** question are **indicated** in brackets.

21.(a) Work out:  $\frac{0.08 \times 0.4}{0.2}$

*(3 marks)*

(b)  $\frac{2}{3} - \frac{1}{2}$  of  $\frac{1}{3}$

*(2 marks)*



22.(a) Solve for X:  $0.4X + 0.5 = 2.1$

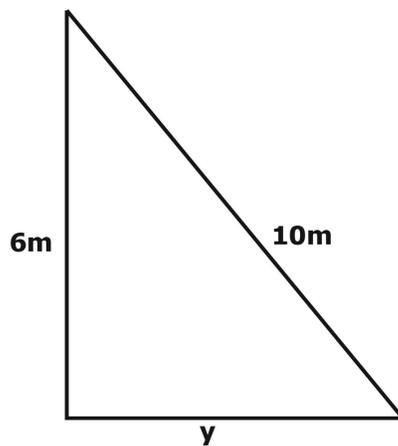
*(3 marks)*

(b) Add:

$$\begin{array}{r}
 8\ 7\ 6\ 4\ 3\ 4 \\
 +\ 1\ 4\ 7\ 5\ 6\ 8 \\
 \hline
 \\
 \hline
 \end{array}$$

(2 marks)

23. Study the diagram below and use it to answer the questions that follow.



(a) Find the value of **y**.



(3 marks)

(b) Calculate the area of the figure above.

(2 marks)

24. The interior angle of a regular polygon is  $90^\circ$  more than the exterior angle.

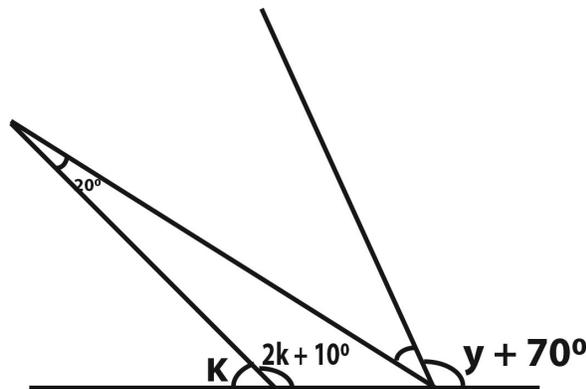
(a) Calculate the exterior angle.

*(2 marks)*

(b) Find the interior angle sum.

*(3 marks)*

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



(a) Find the value of **K**



*(2 marks)*

(b) Calculate the value of **Y**.

(3 marks)

26(a). Construct a triangle **KLM** where **KL = 7cm** ,angle **KM = 60°** and angle **KLM = 45°**. Drop a perpendicular from **M** to meet **KL**.

(4 marks)



(b) Measure line **ML**.

(1 mark)

27.(a) Given that **x = -3** ,and **y = 5**. Find the value of **(xy)<sup>2</sup> - (yx)**

(2 marks)

(b) Convert **0.4545** to a rational number.

*(3 marks)*



28.(a) Muleefu , Jacob and Jovan shared a certain amount of money in the ratio **2:3:1** respectively. How much money did they share altogether ?

*(3 marks)*

(b) How much money did Jovan get ?

*(2 marks)*

29. A tank is  $\frac{2}{5}$  full of water. When 30 litres are removed, it becomes  $\frac{1}{4}$

(a) How many litres does the tank hold when it is full ?

*(3 marks)*

(b) If **1** litre cost shs. **3800**, how much will the tank cost to get full ?

*(2 marks)*

30. The sum of three consecutive natural numbers is **63**.

(a) Find the numbers.

*(3 marks)*

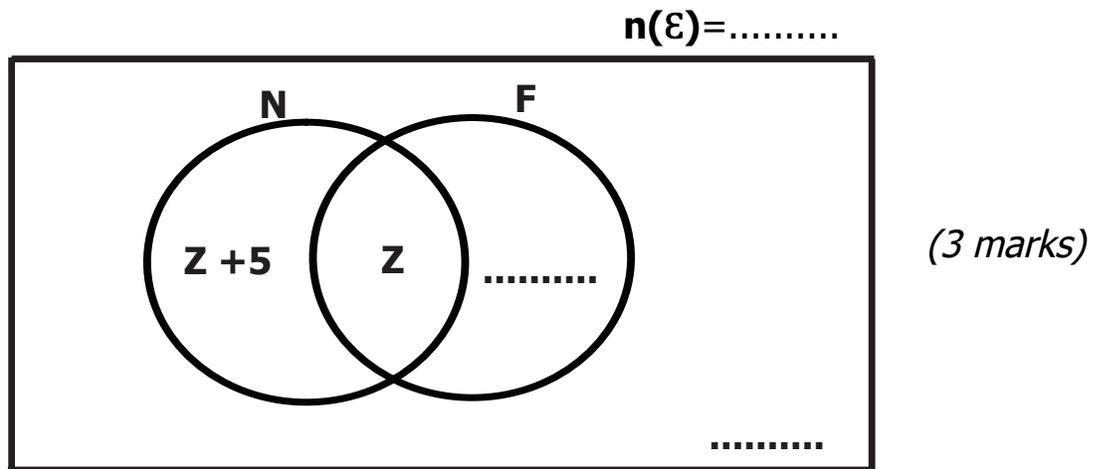


(b) Find the range.

*(2 marks)*

31. In a class, 31 pupils play Football (**F**) and (**Z+5**) Play Netball (**N**) only, **Z** pupils play both games while **3** pupils play neither of the two games.

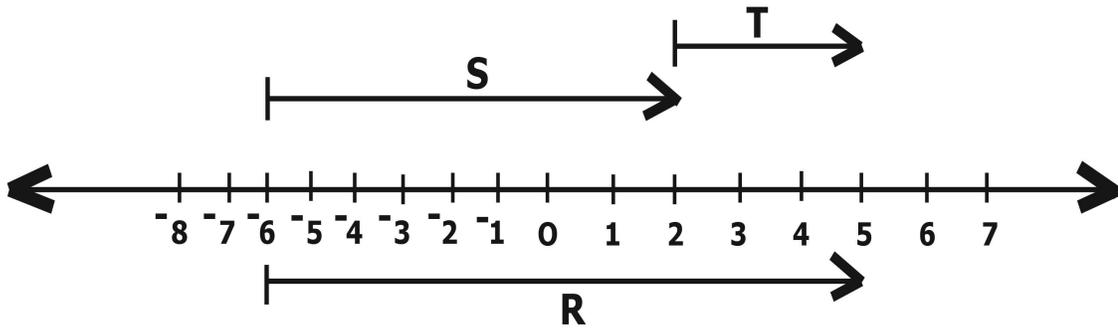
(a) Complete the table below.



(a) How many pupils played only two games ? *(2 marks)*

(3 marks)

32. Study the number line and use it to answer the question.



(a) Write the integers represented by arrows ? (1 mark each)

(i) **R**.....

(ii) **S**.....

(ii) **T**.....

(a) Write a mathematical statement for the above number line.

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