



THE CRANES EXAMINATIONS BOARD

" Ever Forward "

P.7 STANDARD EXAMINATIONS 2025
(SET 9)

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 **40** 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		
TOTAL		

TURN OVER

LOCATION: KANSANGA-KL'A +256-762136454

SECTION: A

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

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

1. Multiply: 43×2

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_{six} 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 loss 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 $5\frac{1}{16}\text{m}^2$. Find the length of each side.



19. The temperature in Dubai at 8:00a.m was 8°C . It decreased to -7. What was the decrease in temperature ?

20. In a basket of mangoes, 12% of them 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: $0.4X + 0.5 = 2.1$

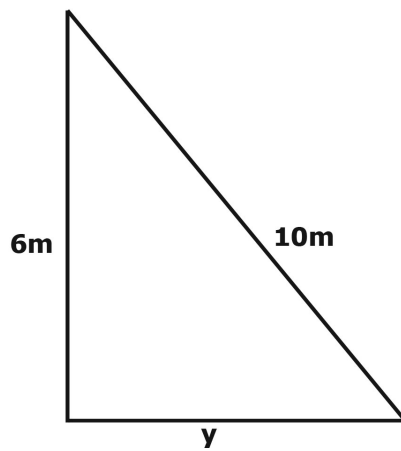
(3 marks)

(b) Add:

8	7	6	4	3	4
+	1	4	7	5	6

(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° more than the exterior angle.

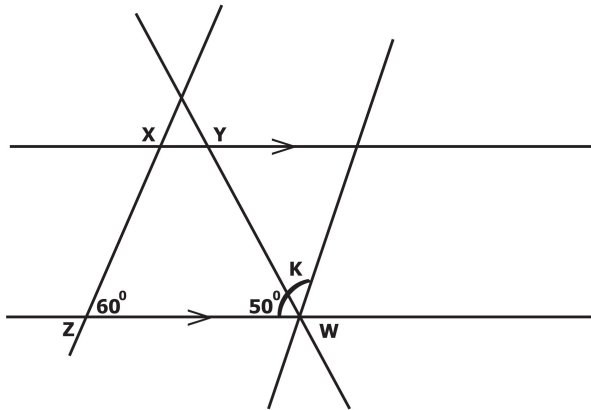
(a) Calculate the exterior angle.

(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 angle **Y**.

(3 marks)

26(a). Construct a triangle KLM where $KL = 7\text{cm}$, angle $KM = 60^\circ$ and angle $KLM = 45^\circ$. 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 $(\mathbf{xy})^2 - (\mathbf{yx})$

(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 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)

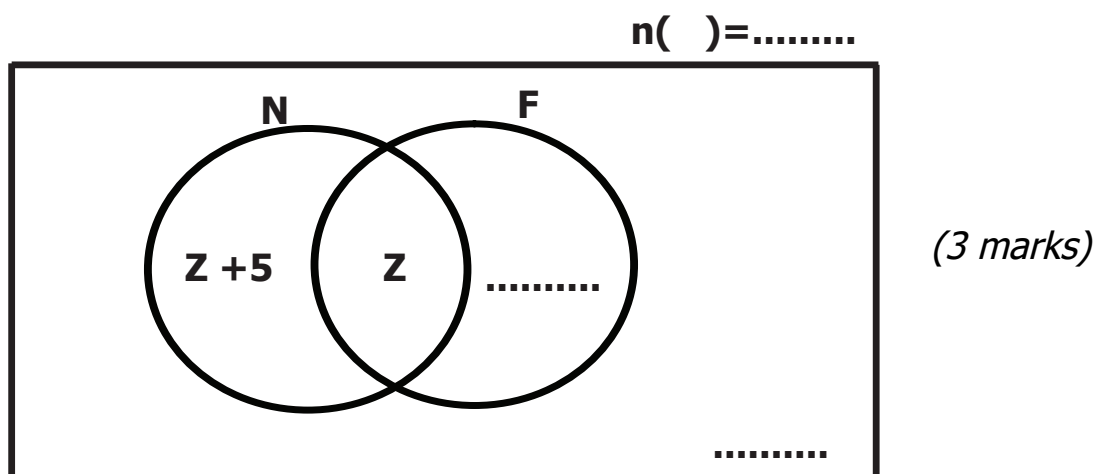


(b) Find the range.

(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.

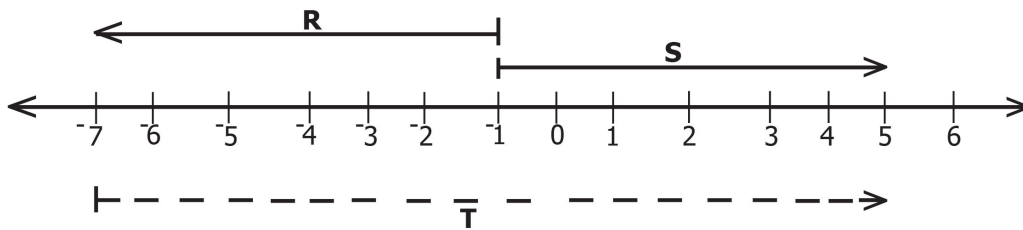


(a) How many pupils played only two games ?

(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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ABOUT THE CRANES EXAMINATIONS BOARD:

- We are located in Kansanga-Kampala on **GABA ROAD** just near **GALAXY F.M**
-We have **HIRED UNEB EXAMINERS** from the best performing schools. That is:-

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