



ST. FRANCIS DAY & BOARDING PRIMARY SCHOOL

PRACTICE PAPER 4 TERM III, 2025

PRIMARY SEVEN

Mathematics



Random No.						Personal No.		

NAME: _____ STREAM: _____

SECTION A (40 MARKS)

1. Workout:

$$\begin{array}{r} 6 \quad 2 \\ + 3 \quad 1 \\ \hline \end{array}$$

2. Convert $3\frac{2}{7}$ to improper fraction.

3. Find the number that is represented by these tally symbols.



4. Express XCIII in Hindu Arabic numerals.

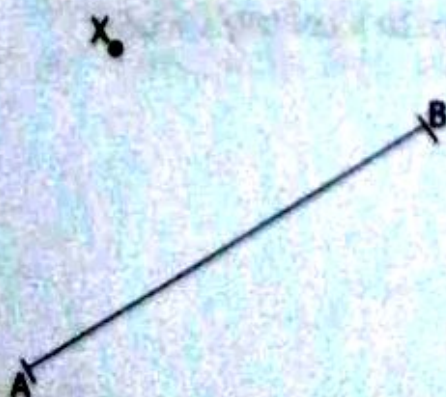
5. Solve the equation: $3k + 8 = 20$

Tens			Units		

6. Mariam weighs 45kg. Express her mass to grammes.

7. Round off 82.793 to the nearest tenths.

8. Use a ruler, a pencil and a pair of compasses only to construct a perpendicular from point X to meet line AB at O.

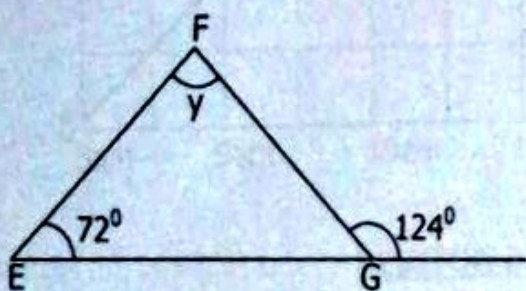


9. Set M has 32 subsets. Find $n(M)$.

10. Use distributive property to workout $(144 \div 9) + (72 \div 9)$

11. A trader deposited Sh. 2,000,000 in the bank which offers $2\frac{1}{2}\%$ per annum. Find the interest which he will get in 2 years.

12. Below is a triangle EFG. Study it and find the size of angle marked y.



13. The Lowest Common Multiple (LCM) and Greatest Common Factor (GCF) of two numbers is 90 and 6 respectively. Given that the first number is 18, find the second number.

14. A car covered a distance of 72km in 45 minutes. Calculate its speed in km/h.

15. Workout: $7 \div 3 = \underline{\hspace{1cm}} \pmod{5}$

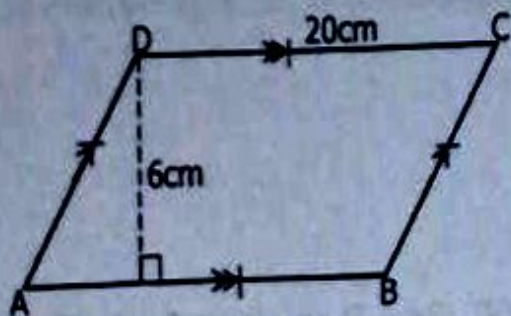
16. Mariam bought a dress at Sh. 50,000 and sold it at Sh. 55,000. Express her profit as a percentage.

17. Find the value of p given $2^p \times 2^3 = 32$

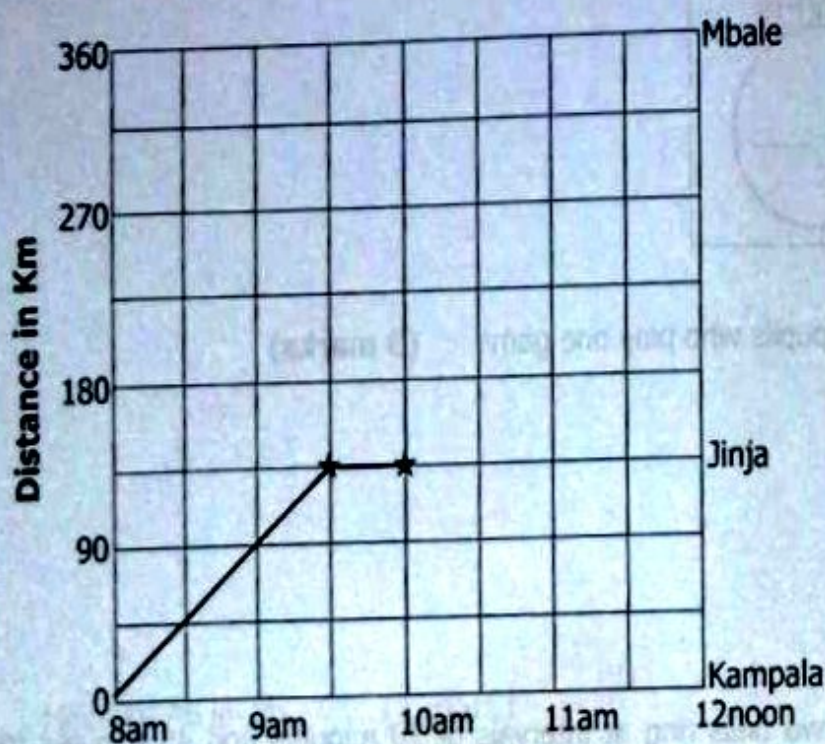


18. Given that $a = \frac{2}{3}$, $b = 12$ and $c = 3$, find the value of $c(b \div a)$

19. ABCD is a parallelogram whose side is 20cm and height is 6cm. Find its area.



20. The travel graph below shows a bus that travelled from Kampala via Jinja to Mbale a distance of 360km. The bus took $3\frac{1}{2}$ hours traveling. Use a ruler, and a pencil to draw a line to complete the remaining journey to Mbale.



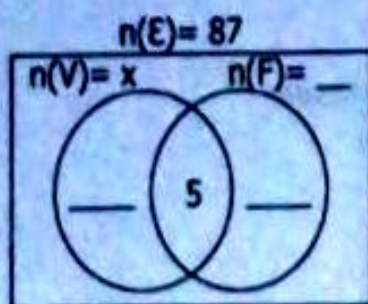
SECTION B (60 MARKS)

21. (a) Workout the sum of the value of 3 and value of 7 in 53974. (3 marks)

- (b) Express the sum in (a) above as scientific notation. (2 marks)

22. In a class of 87 pupils, x play volley ball (V), $(3x + 7)$ play football only (F), while 5 play both volley ball and football.

- (a) Use the above information to complete the Venn diagram below. (3 marks)



- (b) Find the number of pupils who play one game. (3 marks)

23. At primary school, two bells ring at intervals of 30 minutes and 45 minutes for lower and upper primary respectively. Given that the bells rung for the second time together at 10:00am. Calculate the time when both bells rung for the first time. (5 marks)

24. (a) Use a ruler, a pencil and a pair of compasses only. Construct a rhombus ABCD where its diagonal AC is 8cm and diagonal BD is 6cm. (4 marks)

- (b) Measure AB in cm. (1 mark)

25. Solve and find the solution set for x if $5 - 2x \leq 17$. (4 marks)

26. A school bursar deposited different bank notes in the bank as shown below.
 (a) Use the table below to complete the bank spaces correctly. **(4 marks)**

Denomination	Number of notes	Amount
Sh. 50,000	30	Sh. _____
Sh. _____	20	Sh. 400,000
Sh. 10,000	50	Sh. 500,000
Sh. 5,000	_____	Sh. 500,000
GRAND TOTAL		Sh. _____

- (b) Given that he deposited consecutive ten thousand shillings numbered from AB02674.
 Find the marking on the last note. **(2 marks)**

27. The interior angle of a regular polygon is 100° more than its exterior angle.

- (a) Find how many sides has the polygon. **(3 marks)**

- (b) Calculate its interior angle sum. (2 marks)

28. A metallic drum of diameter 56cm and height 100cm was cut to form a metallic door. Find the area of the metallic door formed in square metres. (4 marks)

29. The table below shows the number of pupils and marks they scored in mathematics test. Use it to answer the question which follows.

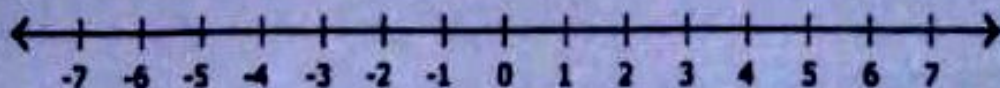
Marks scored	75	90	$P + 60$	60	55
Number of pupils	4	1	2	3	2

- (a) Find how many pupils sat for the test. (2 marks)
- (b) Given that average mark was 70. Workout the value of p . (3 marks)

30. In interview of science of 20 questions, a teacher awarded 5 marks for every correct response and deducted 3 marks for every wrong response. If Judith scored 52 marks;

(a) Find how many questions she failed? (3 marks)

(b) Use a ray diagram to work out: $-6 - -4$ (2 marks)



31. In a school, $\frac{5}{12}$ are boys and the rest are girls. If $\frac{1}{2}$ of the boys are day scholars, $\frac{1}{3}$ of the girls are in boarding. Calculate the number of pupils in the school, given that 430 pupils are day scholars. (5 marks)

32. The timetable below shows the arrival and departure time of the bus from Mbale to Kampala. Use it to answer the questions that follow.

Towns	Arrival	Departure
Mbale		10:00am
Iganga	11:30am	11:40am
Jinja	12:40pm	12:50pm
Kampala	1:30pm	

- (a) Express the arrival time at Jinja in 24 hour clock time. (2 marks)
- (b) If the distance from Mbale to Kampala is 343km, calculate the average speed of the bus for the whole journey. (3 marks)

**END
GOOD LUCK**