YERICH JUNIOR SCHOOL

BEGINNING OF TERM II 2026

PRIMARY SIX

MATHEMATICS

Time allowed: 2 hours 30 minutes

NAME: ……

INSTRUCTIONS

READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

1. ***This paper has two sections: A and B.***
2. ***Section A has 20 questions (40 marks), Section B has 12 questions (60 marks)***
3. ***Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.***
4. ***All answers must be written using blue or black ball point pen. Diagrams and graph work should be drawn in pencil.***
5. ***Do not fill anything in the table indicated: "For Examiners' use only"***

FOR EXAMINERS' USE ONLY		
PAGE	MARKS	INITIALS
2		
3		
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5		
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Total		

PLEASE TURN OVER

SECTION A: 40 MARKS

1. Workout; 937 - 274

2. Write XCIX in words.

3. Simplify 9x - 3y + 4x + 8y

4. Workout; $\frac{1}{3} + \frac{1}{4}$

5. Given that a = 4 and b = 3. Find ab + b.

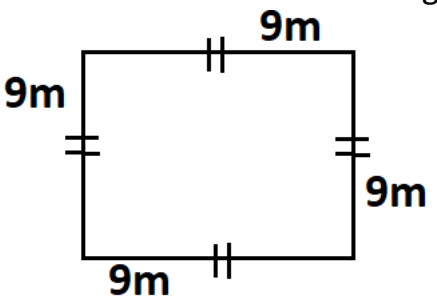
6. Set A = a, b, c}. Find the number of sub-sets of set A.

7. Find the next number in the sequence:

1, 4, 9, 16, 25, _____

8. I think of a number when 7 is added to it, the answer is 11. What is the number?

9. Calculate the area of the figure below.



10. Moses had 978 cows, he slaughtered 499 cows during Christmas season,how many cows did he remain with?

11. Jane went to the market with Shs. 37,000 to buy a bag. On reaching the market, the cost price of the bag was Shs. 45,000. How more money did Jane need I order to buy the bag?

12. Solve for p; 2p - 3 = 7

13. Arrange the following in ascending order.
302, 354, 320, 345

14. Matovu went to bed at 9:30 pm and woke up at 11:30 pm. For how long did he sleep?

15. A box contains 24 packets of biscuits. How many packets of biscuits can one get from 12 such boxes?

16. Find the number that has been expanded below.
$(6 \times 10^4) + (3 \times 10^2) + (4 \times 10^1) + (7 \times 10^0)$

17. Round off 78 using a number line.

18. Share 144 mangoes among six boys.

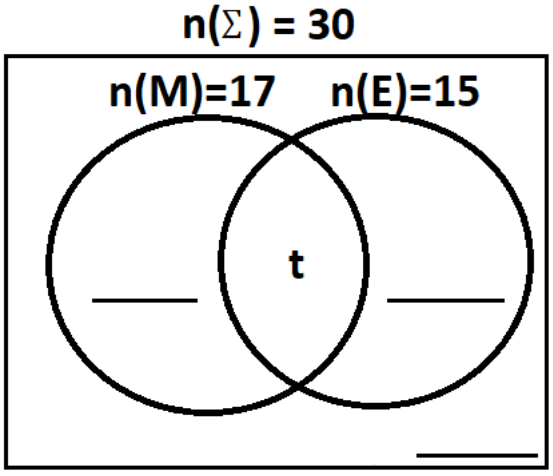
19. Workout; 32 - 23 + 9

20. Express 5km as metres.

SECTION A: 60 MARKS

21. In a class of 30 pupils, 17 like Mathematics (M), 15 like English (E), t pupils like both subjects while 3 pupils do not like any of the two subjects.

(a) Complete the venn diagram below. (3marks)

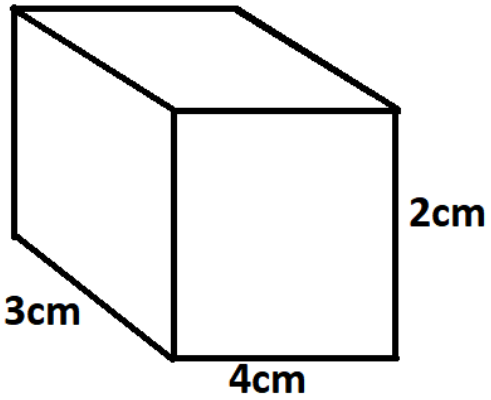


(b) Find the number of pupils who like both subjects.

22. (a) Change 133_{five} to base ten.

(b) Workout; $232_{five} + 132_{five}$

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



(a) How many; (1 mark each)

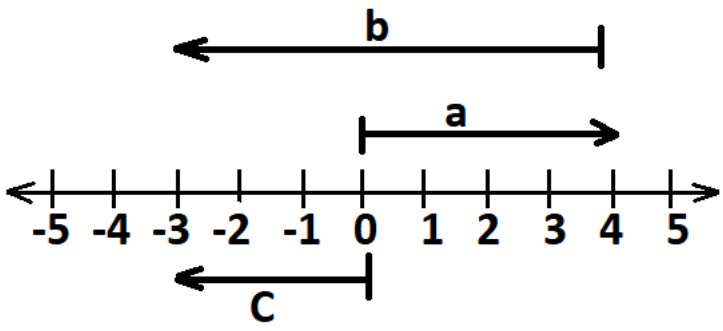
(i) Vertices

(ii) Edges

(iii) Faces

(b) Workout the volume of the above figure. (2 marks)

24. Use the number line below and answer the questions that follow.



(a) Write the integers represented by the arrows. (3 marks)

a =

b =

c =

(b) Write down the Mathematical statement for the above number line. (2 marks)

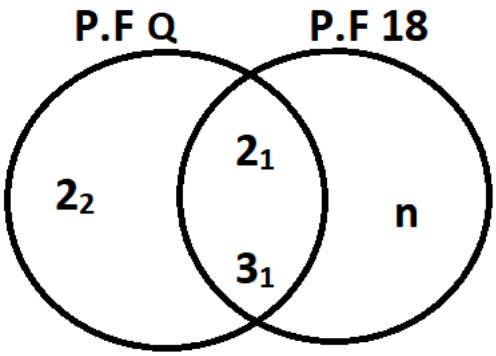
25. Peter went to the market and bought the following items.

- 3Kg of sugar at Shs. 3000 per Kg
- $1\frac{1}{2}$Kg of meat at Shs. 12000 per Kg
- 2 tins of blue band margarine at Shs. 4000 each
- 10 tomatoes at Shs 2000.

(a) Workout Peter's total expenditure. (4 marks)

(b) If he went with Shs. 40,000, find his change.

26. Use the venn diagram below and answer questions that follow.



(a) Find the value of; (2 marks each)

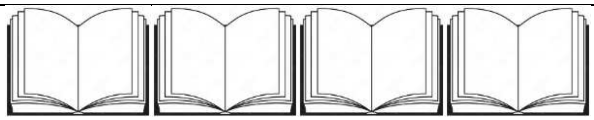
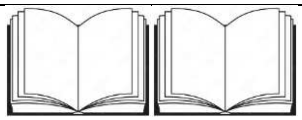
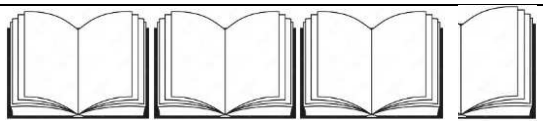
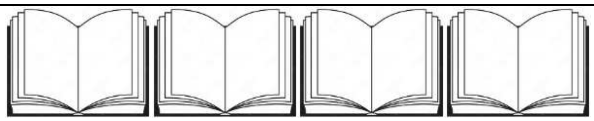
(i) N

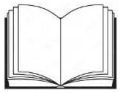
(ii) Q

(b) Workout the G.C.F of Q and 18.(2 marks)

(c) Find the lowest common multiples of Q and 18. (2 marks)

27. Study the pictograph below and answer the questions that follow.

SCHOOLS	**NUMBER OF BOOKS**
Kangai P/S	
Adulila P/S	
Kulera P/S	
Amiri P/S	

Scale:  = 10 books

(a) How many books did Amiri P/S get? (2 marks)

(b) How many more books did kangai p/s get than Kalura p/s? {3marks}

(c) If each book cost Shs. 2000, how much will it cost?

28. A motorist ride from Kampala to Mpigi at a speed of 40Km/hr for 3 hours.

(a) Calculate the distance covered by the motorist. (2 marks)

(b) If another motorist rides at a speed of 60km/hr on the same route, how long will he take to reach Mpigi? (3 marks)

29. A pupil sat beginning of term examinations and scored the following marks.

English - 60%

Mathematics - 70%

Social Studies - 60%

Science - 80%

R.E - 50%

a) Workout the pupil's modal score. (1 mark)

b) Find the median mark. (1 mark)

c) Workout the pupil's range mark. (1 mark)

d) Calculate the average mark. (2 marks)

30. Using a ruler, a pencil and a pair of compasses only, construct a regular hexagon in a circle of 4cm. (4 marks)

31. Workout the following;

(a) (2 marks)

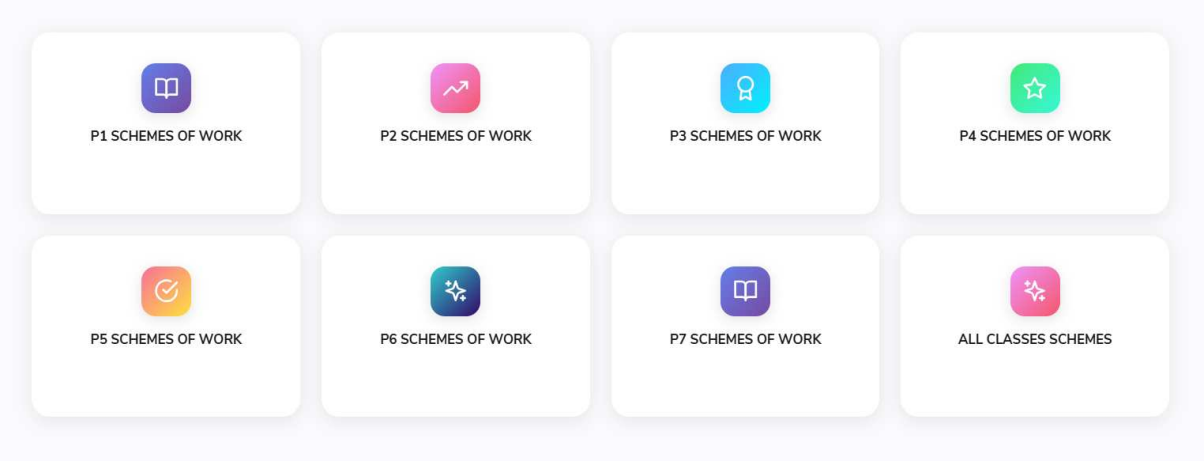
$$\begin{array}{r} 7\,8\,3\,5 \\ +\ 3\,4\,6\,7 \\ \hline \\ \hline \end{array}$$

(b) 3n + 5 = 20 (2 marks)

32. Arrange the following fractions in ascending order. (4 marks)

$\frac{1}{2}, \frac{1}{4}, \frac{1}{3}, \frac{2}{3}$

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