

**KAMPALA PRIMARY SCHOOLS HEADTEACHERS'
EXAMINATIONS COMMITTEE (KAPSHA)
PRIMARY SEVEN END OF TERM I EXAMINATIONS 2024
MATHEMATICS**

TIME ALLOWED: 2 HOURS 30 MINUTES.

PUPIL'S NAME: _____

SCHOOL: _____

DIVISION: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully.

1. This paper is made up of two sections: **A** and **B**
2. Section **A** has **20** questions (**40** marks)
Section **B** has **12** questions (**60** marks)
3. Answer **all** questions. **All** answers to both section **A** and **B** must be written in the spaces provided.
4. ALL answers **MUST** be written using a **Blue** or a **Black** - point pen of fountain pen.
5. Un-necessary changes of work may lead to loss of marks.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Do **not** fill any thing in the boxes shown.

"For Examiner's use only".

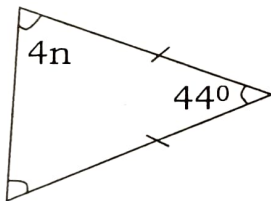
FOR EXAMINERS' USE ONLY		
QN. NO	MARKS	SIGN.
1 – 10		
11 – 20		
21 – 25		
26 – 30		
31 – 32		
TOTAL		

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TURN OVER

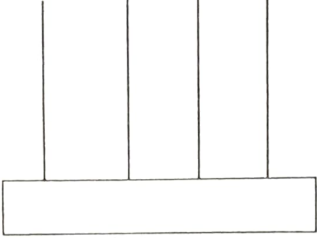
SECTION A (40Marks)

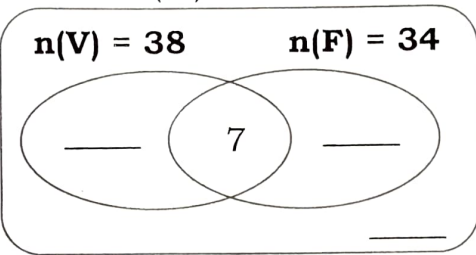
1.	Add: $\begin{array}{r} 24 \\ + 5 \\ \hline \end{array}$	2.	Write 149 in Roman numerals.
3.	Shade (MnN)¹ on the Venn. <div data-bbox="291 569 665 829" data-label="Diagram"> </div>	4.	A roll of cloth is 12m long. How many <u>3</u> m pieces can be got from the cloth? <div style="margin-left: 100px;">4</div>
5.	Simplify: $\frac{1}{2} - \frac{1}{3}$	6.	Find the value of 8 in the number 23,085
7.	What evening time in the 12 hour clock system is shown on the clock face? <div data-bbox="417 1585 653 1818" data-label="Image"> </div>	8.	Find the next number in the sequence. 1, 3, 6, 11, 18, ____

<p>9. Simplify: $-8 - +8$</p>	<p>10. Mr. Kato whose class has a total number of 72 pupils, counted the number of pupils absent on a certain day and tallied as below $\text{ } \text{ } \text{ }$. How many pupils were present on that day form class?</p>
<p>11. The square root of a number is 16. Find the number?</p>	<p>12. Find the L.C.M of 12 and 30.</p>
<p>13. Study the diagram below and find the size of n in degrees.</p> 	<p>14. Write 13,013 in words.</p>

15.	Maama Kasimu's cow gives her 2.7 litres of milk every day. How many milliliters of milk does it give her every day?	16.	Find the range of 6, -4, 3, 4 and -8
17.	If eight books cost sh. 3200 . What is the cost of five similar books?	18.	Use distributive property to work out; $(23 \times 5) + (5 \times 17)$
19.	Solve for y: $4 + y = 7$	20.	The perimeter of a rectangle is 26cm . If its length is 8cm. Calculate its width.

SECTION B (60Marks)

<p>21. Draw beads to show the show the number 5,304 on the abacus below.</p> <div style="text-align: center;"> <p>TH H T O</p>  </div> <p style="text-align: right;">(2marks)</p>	<p>b. Find the difference between the value of 5 and 4 in the above.</p> <p style="text-align: right;">(3marks)</p>
<p>22. Sandra spent sh. 50,000 to buy all the items below:</p> <div style="border: 1px dashed black; padding: 10px; margin: 10px auto; width: fit-content;"> <p><i>1½kg of meat at sh. 14,000 per kg</i> <i>2loaves of bread each at sh. 4300</i> <i>3litres of milk at sh. 1800 each litre</i> <i>A bunch of matooke</i></p> </div> <p>Calculate the amount of money Sandra spent on buying matooke.</p> <p style="text-align: right;">(5marks)</p>	
<p>23. The average weight of 5 boys is 4.8kg. When a sixth boys joins them, the average becomes 45kg.</p> <p>a. Find the total weight of the 5boys.</p> <p style="text-align: right;">(2marks)</p>	<p>b. Calculate the weight of the sixth boy.</p> <p style="text-align: right;">(3marks)</p>

24.	<p>In a class of 70 pupils, 38 play volley ball (V), 7 play both volleyball and football (F), 27 play football only while y play neither of the two games.</p> <p>a. Use the above information to complete the Venn diagram below.</p> <p style="text-align: right;">(3marks)</p> <div style="text-align: center;"> $n(\mathcal{E}) = 70$  </div>	
b.	Find the value of y .	c. Find the probability of picking a pupil in class who plays both games.
25.	Express 0.333.... as a fraction.	b. Simplify: $\frac{0.4 + 0.08}{0.04 \times 0.6}$
26.	<p>A parents' meeting that started at 8:30am ended at 10:30am.</p> <p>a. How long did the meeting last?</p> <p style="text-align: right;">(2marks)</p>	

- b. A motorist covered a distance of **120km** from Masaka to Kampala in **3** hours. At what speed was he travelling?

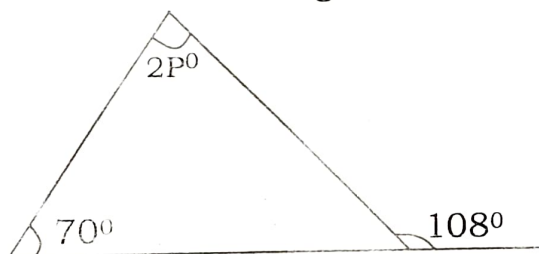
(2marks)

27. Given that $x + 40^\circ$ and 30° are complementary angles. Find the value of x .

(2marks)

- b. Find the value of angle **P** in the diagram below.

(3marks)



28. A business woman bought **35,000g** of maize flour which she packed in five kilogram sacks.

- a. Find the number of kilograms of maize flour that the woman bought.

(2marks)

- b. If she sold each sack at **sh. 12000**, calculate the amount of money that the business woman got from the sale of the flour.

21
a.

(3marks)

29. At a graduation party attended by **300** people, two fifths of them were women and the rest were me. If $\frac{2}{3}$ of the women brought gifts to the graduand and the rest of the women did not bring the gift to graduand.
- a. Find the number of men who attended the party.

(2marks)

- b. How many women did not bring the gifts to the graduand?

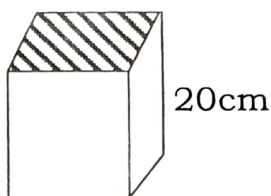
(2marks)

c.	<p>If <u>2</u> of the men who attended the party contributed Shs. 2,000@, how 3 much money did the organizers collect altogether?</p> <p style="text-align: right;">(2marks)</p>
30.	<p>Using a pencil, a pair of compasses and a ruler only, construct triangle ABC such that AB = 5.5cm, AC = 6cm and angle BAC = 60°</p> <p style="text-align: right;">(4marks)</p>
b.	<p>Measure the size of angle ACB.</p> <p style="text-align: right;">(1mark)</p>
31.	<p>Atim is 18years old and Paul is 10years old now.</p> <p>a. How old will Atim be if Paul becomes 18years old?</p> <p style="text-align: right;">(2marks)</p>

- b. A cup costs twice as much as a plate. If their total cost is **sh. 3000**. Find the cost of a plate.

(2marks)

32. The area of the top cover of the rectangular container below is **450cm^2** .



- a. Calculate the volume of the above container.

(2marks)

- b. Find the number of litres of water that the container can hold when its $\frac{2}{3}$ full.



(3marks)

****GOOD LUCK****