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.

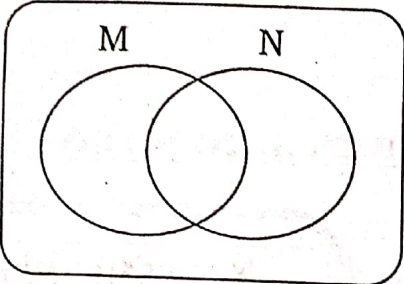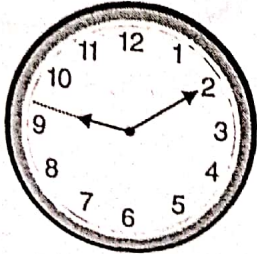7. Do **not** fill any thing in the boxes shown

   "For Examiner's use only".
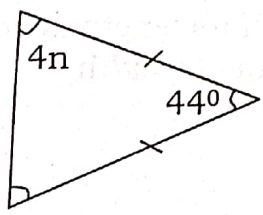
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TURN OVER

|	
1. **Add:** $\begin{array}{r} 2\,4 \\ +\ 5 \\ \hline \\ \hline \end{array}$	2. Write **149** in Roman numerals.
3. Shade $(MnN)^1$ on the Venn. M N	4. A roll of cloth is **12m** long. How many $\underline{\mathbf{3}}$ m pieces can be got from $\mathbf{4}$ the cloth?
5. **Simplify:** $\dfrac{1}{2} - \dfrac{1}{3}$	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?	8. Find the next number in the sequence. 1, 3, 6, 11, 18, ___

9.	**Simplify:** $^-8 - {}^+8$	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 ‖‖ ‖‖ ‖‖. How many pupils were present on that day form class?
11.	The square root of a number is **16**. Find the number?	12.	Find the L.C.M of **12** and **30**.
13.	Study the diagram below and find the size of **n** in degrees. 4n 44⁰	14.	Write **13,013** in words.

CamScanner

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.

24.	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.
a.	Use the above information to complete the Venn diagram below. **(3marks)**

$$n(\mathcal{E}) = 70$$

n(V) = 38   n(F) = 34

(__ (7) __)

__
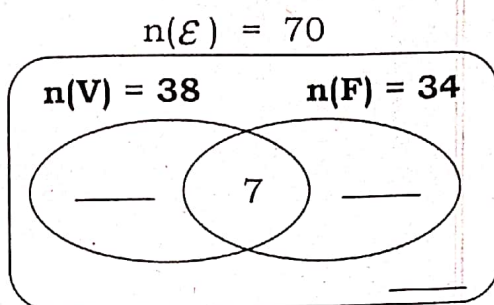
b.	Find the value of **y**.	c.	Find the probability of picking a pupil in class who plays both games.
	(2marks)		**(1mark)**
25.	Express **0.333....** as a fraction.	b.	**Simplify:** $\dfrac{0.4 + 0.08}{0.04 \times 0.6}$
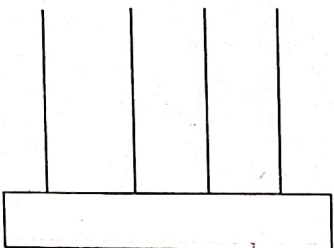
		23.	The average weight of 5 boys is 4.8kg. When a sixth boys joins them, the average becomes
		a.	Find the total weight of the 5boys. b. Calculate the weight of the sixth boy.
	(2marks)		**(3marks)**
26.	A parents' meeting that started at **8:30am** ended at **10:30am**.		
a.	How long did the meeting last?		
	(2marks)		**(2marks)**

SECTION B (60Marks)

21.
a. Draw beads to show the show the number **5,304** on the abacus below.

TH   H   T   O

(2marks)

b. Find the difference between the value of **5** and **4** in the above.

(3marks)

22. Sandra spent **sh. 50,000** to buy all the items below:

> 1½kg of meat at sh. 14,000 per kg
> 2loaves of bread each at sh. 4300
> 3litres of milk at sh. 1800 each litre
> A bunch of matooke

Calculate the amount of money Sandra spent on buying matooke.

(5marks)

23. The average weight of **5** boys is **4.8kg**. When a sixth boys joins them, the average becomes **45kg**.

a. Find the total weight of the 5boys.

(2marks)

b. Calculate the weight of the sixth boy.

(3marks)

b. A motorist covered a distance of **120km** from Masaka to Kampala in **3** hours. At what speed was he travelling?
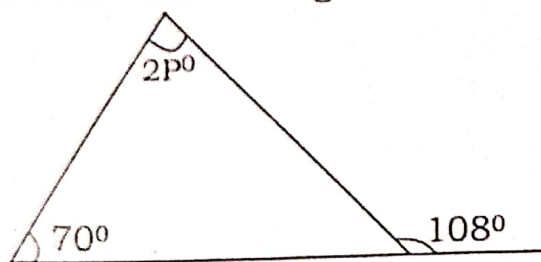
(2marks)

27.
a. Given that **x + 40⁰** and **30⁰** 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.
	(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.	If $\frac{2}{3}$ of the men who attended the party contributed **Shs. 2,000@,** how much money did the organizers collect altogether?
	(2marks)

30. Using a pencil, a pair of compasses and a ruler only, construct triangle **ABC** such that **AB = 5.5cm, AC = 6cm** and angle **BAC = 60⁰**

(4marks)

b.	Measure the size of angle **ACB**. *(1mark)*

31.
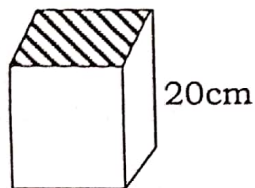a. Atim is **18years** old and Paul is **10years** old now.
How old will Atim be if Paul becomes **18years** old? *(2marks)*

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 **450cm²**.

 20cm

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***