KCCA PRIMARY SCHOOLS EXAMINATIONS COMMITTEE
PRIMARY FIVE END OF TERM I EXAMINATIONS 2023
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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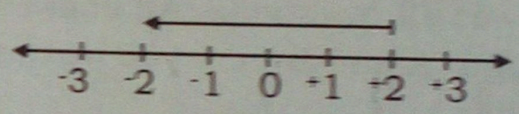
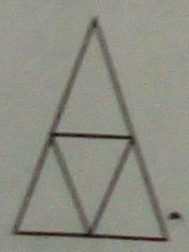
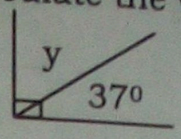
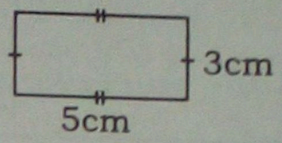
TURN OVER

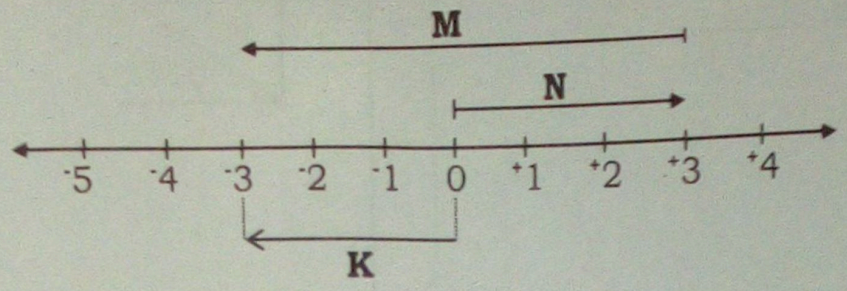
SECTION A (40Marks)

1.	**Add:** 3 5 7 + 4 2 _____ _____	2.	Set **X = {2, 3, 4}**. Find the number of subsets of set **X**.
3.	Write **Seventy eight** in Roman numerals.	4.	**Simplify:** $\frac{5}{8} + \frac{2}{8} =$
5.	Find the place value of **3** in the number **6 3 4 9**.	6.	Which integer is shown on the number line? 
7.	**Workout:** x + 3 = 8	8.	What is the **L.C.M** of **6** and **8**?
9.	How many triangles are drawn? 	10.	Change **5kg** to **grammes**.

11.	Fill in the missing numbers. 2, 4, 6, ____, ____	12.	Calculate the value of angle **Y**. 
13.	**Workout:** 3 5 6 x 3 3	14.	Find the area of the figure. 
15.	Round off **837** to the nearest **tens**.	16.	The cost of a cake is **sh. 800**. Find the cost of **3** cakes.
17.	Write **999** in words.	18.	Subtract **87** from **91**.
19.	Which number has been expanded? **3000 + 800 + 7**	20.	What is $\frac{3}{5}$ of **50**?

SECTION B

21. **Use the number line below and answer the questions that follow.**



a. i) **M** = ...

ii) **N** = ...

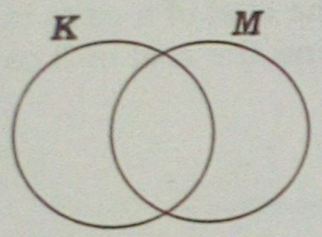
ii) **K** = ...

(1mark each)

b. Write a mathematical statement shown above. *(2marks)*

22. Given that ***K*** = *{2, 3, 7, 9, 4}*, ***M*** = *{0, 2, 4, 7, 8}*.

a. Show the information on a Venn diagram below. *(3marks)*



b. Find ***n(KUM)*** *(1mark)*

c. List the members of **M – K** *(1mark)*

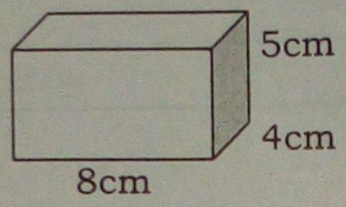
23. A P.5 Class has **60** pupils. $\frac{2}{3}$ of them are girls.

a. How many girls are in the class? *(2marks)*

b. How many more girls are in the class than boys? *(2marks)*

24. ***The figure below is of a cuboid. Use it to answer the questions.***

a. How many faces gas the figure? *(1mark)*



b. Write the number of edges. *(1mark)*

c. How many vertices? *(1mark)*

d. Work out the area of the shaded part. *(2marks)*

25. Given that ***M* = 2**, ***N* = 4** and ***K* = 6**.

a. **Work out:** K + N *(2marks)*

b. NK *(2marks)*

c. $\frac{K}{M}$ *(2marks)*

26. Kato is **12 years** old. Mary is **15 years** old.

a. Who is younger? *(1mark)*

b. Workout their total age. *(1mark)*

c. How old will Mary be in **9 years** time? *(2marks)*

27. Use < or > or = to complete. *(1mark each)*

5kg of sand ..... 5kg of feathers

13 days 2weeks

40 min 1½hours

3 metres 3cm

28. The card has **8 2 4 7 3**.

a. What is the place value of **4** in the number above? *(2marks)*

b. Find the value of **2** in the number above. *(2marks)*

c. Workout the sum value of **2** and **7** in the number **8 2 4 7 3**.

(2marks)

29. a. **Simplify:** $\frac{1}{2} + \frac{1}{3} - \frac{1}{4}$

(2marks)

b. **Solve:** 2x + 3y + 4x + y

(2marks)

c. **Add:**

Weeks	Days
3	5
+ 4	4

(2marks)

30. **Complete:**

(1mark each)

Cow	1	3	.....	6	.....	.....
Legs	.....	.....	8	.....	40	32

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31. Given digits **5, 9, 3, 7**.

a. Which is the largest 4 digit number that can be formed? *(1mark)*

b. Find the smallest number formed. *(1mark)*

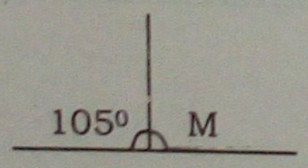
c. Workout the difference between the largest and smallest number. *(2marks)*

32. **Solve**:

a. X + 13 = 18 *(2marks)*

b. Y – 8 = 5 *(2marks)*

c. Workout the value of **M**. *(2marks)*



GOOD LUCK