



**KAMPALA PRIMARY SCHOOLS HEADTEACHERS'
EXAMINATIONS COMMITTEE (KAPSHA)
PRIMARY FIVE END OF YEAR 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 or 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

	<div data-bbox="127 22 686 67" data-label="Text"> <p>b. Find the G.C.F of A and 20.</p> </div>
<div data-bbox="119 224 175 268" data-label="Text"> <p>31.</p> </div>	<div data-bbox="199 224 766 268" data-label="Text"> <p>Write in short: $4p + 5r + 2p - 2r$</p> </div> <div data-bbox="1332 190 1476 235" data-label="Text"> <p>(2marks)</p> </div>
	<div data-bbox="127 526 159 571" data-label="Text"> <p>b.</p> </div> <div data-bbox="199 526 542 571" data-label="Text"> <p>Solve: $2n + 4 = 14$</p> </div> <div data-bbox="646 862 790 907" data-label="Text"> <p>(2marks)</p> </div>
	<div data-bbox="813 526 845 571" data-label="Text"> <p>c.</p> </div> <div data-bbox="869 504 1444 604" data-label="Text"> <p>Write an algebra expression for the sum of P and 2.</p> </div> <div data-bbox="1316 862 1460 907" data-label="Text"> <p>(1mark)</p> </div>
	<div data-bbox="95 907 159 952" data-label="Text"> <p>32.</p> </div> <div data-bbox="183 907 1484 996" data-label="Text"> <p>Use a ruler, and a pair of compasses to construct a regular hexagon in a circle of radius 4cm.</p> </div> <div data-bbox="1356 1478 1516 1523" data-label="Text"> <p>(3marks)</p> </div>
	<div data-bbox="111 1534 143 1579" data-label="Text"> <p>b.</p> </div> <div data-bbox="191 1534 1197 1590" data-label="Text"> <p>Find the perimeter of the hexagon constructed above.</p> </div> <div data-bbox="1356 1545 1516 1590" data-label="Text"> <p>(2marks)</p> </div>

GOOD LUCK



28. Use a ruler to measure the length of line given below. (2marks)



AB = _____ cm

- b. Anitah was facing North, she turned clock wise to face South East. Through what angle did she turn? (2marks)

- c. Angles n and 108° are supplementary angles. Find the size of angle n .

(2marks)

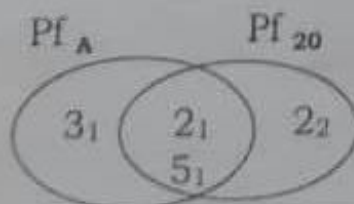
29. A girl bought a pair of sandals at sh. 8000 and later sold them at sh. 11,000. Calculate the profit she made.

(2marks)

- b. 3 Counter books cost sh. 6,000. Find the cost of one similar book.

(2marks)

30. The Venn diagram below shows prime factor of A and prime factors of 20.



- a. Find the value of A .

(2marks)

- b. Find the L.C.M of A and 20.

b.	Find the area of the outer figure.
----	------------------------------------

c. Calculate the area of the shaded part.

(2 marks)

(2marks)

26. Simplify: $^{\circ}5 + ^{\circ}3$

(2marks)

b. Represent **5** on the number line below.

(2marks)



27. The table below shows how different teams scored points during their sports gala at Kampala Demonstration School.

Parrots	Cranes	Lambs	Lions	Cocks
7	13	7	8	5

a. Find the range of their points.

b.	What was the mode of their points?
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(2marks)

(1 mark)

c. Calculate their average number of points.

(2marks)

1. Add:
$$\begin{array}{r} 14 \\ + 2 \\ \hline \end{array}$$

2. Which number has been prime factorised to give?
($2 \times 2 \times 3$)

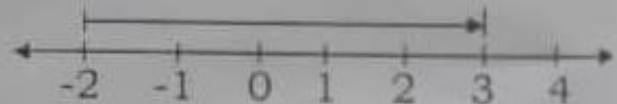
3. Shade $\frac{2}{3}$ of the figure below.



4. Set **y** is a set of all even numbers between **1** and **10**. List down all elements of set **y**.

5. Find the value of **7** in the numeral **4720**.

6. Which integer is shown on the number line below?



7. Solve: $m + 4 = 10$

8. How many half litre cups can you get from a five litre bottle full of water?

23. Round off **5 7 3** to nearest hundreds. (2marks)

a.

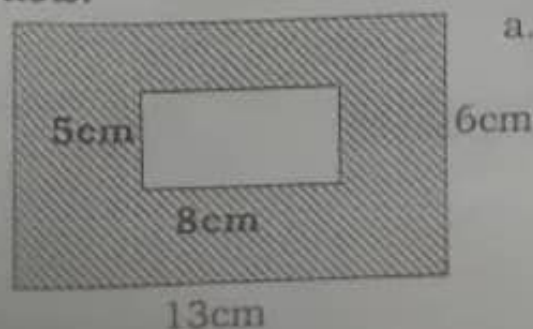
b. The place value of **8** is thousands and place value of **9** is tens. Find the difference between their values. (3marks)

24. In a class of **45** pupils, $\frac{2}{5}$ of them are boys and the rest are girls.

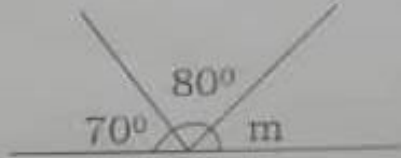
a. How many boys are in that class?	b. Find the number of girls in that class.
(2marks)	(2marks)

c. Determine the fraction to represent the girls in that class. (2marks)

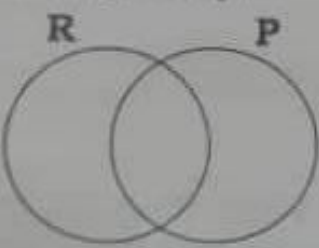
25. Study the Venn diagram below and use it to answer questions that follow.









a. Find the area of the inner figure.

17. Find the L.C.M of 4 and 5.	18. Write 23 in Roman numerals.
19. If $n = 4$ and $w = 5$, Find the value of; $n - 7 + w$	20. Find the size of angle m in degrees. 

SECTION B

21. Given that set $R = \{w, x, y, z, m\}$ $P \cap R = \{m, y\}$ and $P \cup R = \{w, x, z, y, m, o, n, e\}$	
a. Complete the Venn diagram below correctly. 	b. List down all elements of set P .
(3marks)	(2marks)
22. The mother is 21 years older than her son. If the son is 4 years old.	
a. How old is the mother?	b. Find their total age.
(2marks)	

9. Write **sh. 4500** in words.

10. If  represents 8 flowers planted in a school compound. How many flowers were planted with      ?

11. Find the perimeter of the figure below.



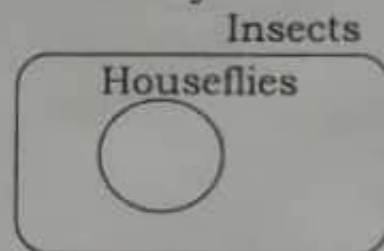
12. A music show started at **7:10am** and ended at **9:50am**. For how long was the show?

13. Use a ruler and a pair of compasses to construct an angle of **120°** .

14. Change **4** meters into centimeters if **$1\text{m} = 100\text{cm}$**

15. **Multiply:** $\frac{2}{5} \times \frac{1}{3}$

16. Study the Venn diagram below and use it to complete the statement below correctly.



The Venn diagram above shows that all are