



KIRA JUNIOR SCHOOL-KITO
END OF TERM ONE EXAMINATIONS 2023
PRIMARY SIX
MATHEMATICS

Time allowed: 2hours 30 minutes.

Name:.....Stream.....

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**
2. Section **A** has 20 questions (40 marks)
3. Section **B** has 12 questions (60 marks)
4. Answer **ALL** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
5. All answers must be written using a blue or black ink. point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary crossing of work may lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated For Examiner's use only.

SECTION	EXAMINER'S MARK	HOD'S MARK
A		
B		
TOTAL		

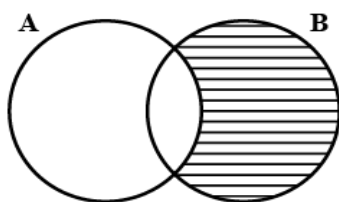
SECTION A

1. Work out

$$\begin{array}{r} 9 \quad 6 \\ -5 \quad 2 \\ \hline \hline \end{array}$$





2. Write 293 in words.

3. Describe the shaded region on the Venn diagram below.

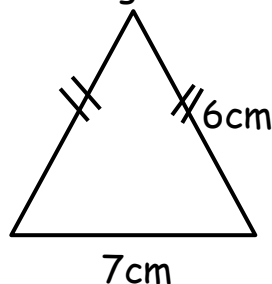


4. Change $\frac{19}{3}$ to a mixed fraction.

5. A fountain pen costs sh.1500.
How much money will Musa pay
for 3 similar fountain pens?

6. If  represents 8 apples
show many apples are
represented by    ?

7. Find the total distance around the figure below.



8. Simplify: $3p+p+4p$.

9. In the space below, draw a line segment $AB=6\text{cm}$.

10. Change 4 hours to minutes.

11. Find the next number in the sequence below:
1, 3, 6, 10, ____.

12. In a box, there are 4 green sweets and 6 blue sweets. Find the probability of picking a blue sweet at random.

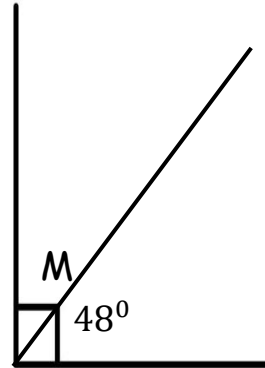
13. Solve for x : $x-6=10$.

14. Given that set $K=\{1,2,3\}$. Find the number of subsets in set K .

15. Express 9kg as grams.

16. List all the odd numbers less than 15.

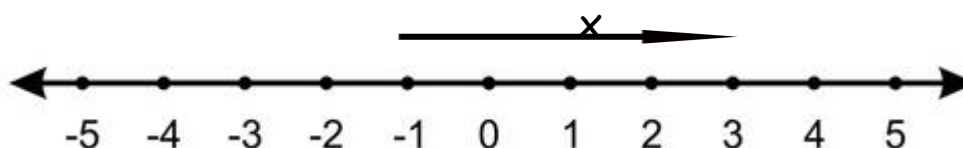
17. Find the value of M in the figure below.



18. In a class of 120 pupils. 75 are boys and the rest are girls. Find the number of girls in class.

19. Find the range of 6, 5, 9, 7 and 3.

20. Write the integer represented by letter X .

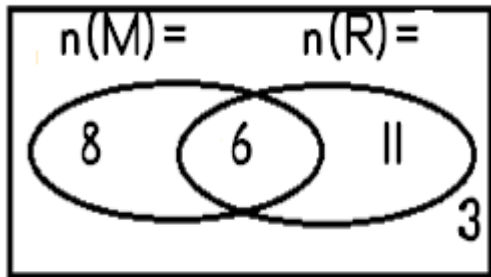


$X =$ _____

SECTION B

21. Use the Venn diagram below to answer the questions that follow.
(M) represents Matooke and (R) represents Rice.

$$n(\Sigma) =$$



a) How many members eat Matooke? (2marks)

b) How many members eat only one type of food? (2marks)

c) How many members are in the family? (2marks)

22. Juma went to the shop and bought the following items.

- 3kg of sugar at Sh. 4.000 per kg.
- $1\frac{1}{2}$ litres of cooking oil at shs.6000 per litre.
- 2kg of rice at Sh. 3000 a kg.
- A loaf of bread at Sh. 4000.

a) Calculate his total expenditure. (4marks)

b) If he had Sh. 40,000, Find his change. (2marks)

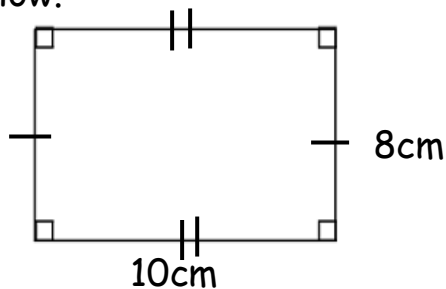
23. In a class of 50 pupils, $\frac{2}{5}$ of them are girls and the rest are boys.

a) Find the fraction of boys in the class. (2marks)

b) How many girls are in the class? (2marks)

c) How many more boys than girls are in the class? (2marks)

24. The figure below shows a rectangular table. Use it to answer the questions that follow.



a) Find the area covered by the table. (2marks)

b) Work out the total distance around the table. (2marks)

25. Given the number 43,926, Use it to answer the questions that follow.

a) Write the place value of 3 in words. (1mark)

b) Write the above number in words. (2marks)

c) Workout the value of 4 in the above number. (2marks)

26. Given that $a=3$, $b=4$, and $c=6$. Find the value of; (2marks each)

(i) $a+b+c$

(ii) $\frac{ab}{c}$

(iii) $2a-b$

27. A bus carries 64 passengers in one trip. How many passengers will it carry in 5 trips? (2marks)

b) If each passenger pays Sh. 2000 as fare from Kampala to Mukono, how much money will be collected in a trip? (3marks)

28. Using a ruler, a pencil and a pair of compasses construct equilateral triangle whose side is 5cm. (4marks)

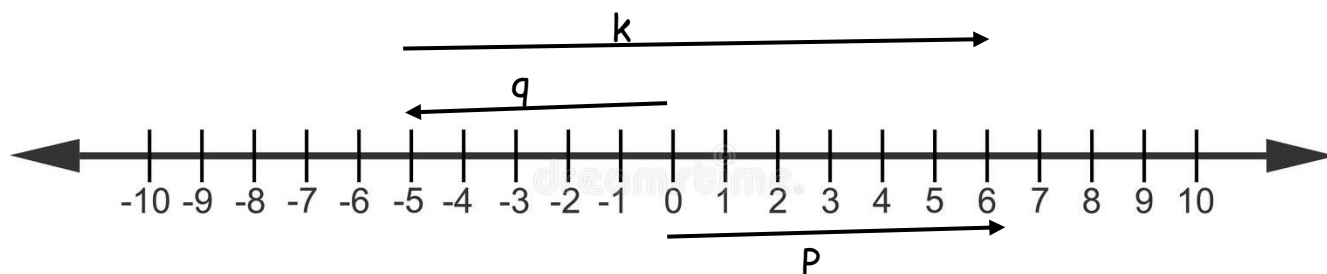
29. Add:

Hrs	Mins
3	30
+2	15
<hr/>	
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Weeks	Days
7	3
-3	6
<hr/>	
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(2marks each)

30. Below is a number line, use it to answer the questions that follow.



$q =$ _____ $p =$ _____ $k =$ _____

b) Write a mathematical statement for the above number line. (2marks)























31. Hannah scored the following marks in mid term examinations.
70, 80, 60, 70, and 90.

a) Find the range of the marks. (1mark)

b) Calculate her median mark. (2marks)

c) Workout his average mark. (2marks)

32. The picto graph below shows the attendance of primary six pupils for a week. Use it to answer the question that follows.

Monday	   
Tuesday	    
Wednesday	   
Thursday	  
Friday	     

Key



Represents 6 pupils.

a) Which day had the highest attendance? (1mark)

b) How many pupils attended school on Thursday? (1mark)

c) Which days had the same attendance? (1mark)

d) Workout the total attendance for the whole week. (2marks)

WORK HARD