ZAMSA JUNIOR SCHOOL – KALAGI

BEGINNING OF TERM 1 ASSESSMENT

PRIMARY FIVE

MATHEMATICS

2025

Time allowed: 2 hours 30 minutes

Pupil's Name:………………………………………………………………………………

School's Name:…………………………………………………………..…………...

Read these instructions carefully

1. This paper has **two** sections **A** and **B**. Section **A** has **20** questions **40** marks and section **B** has **12** questions **60** marks. The paper has **15** printed pages.

2. Answer **all** questions. **All** answers to both sections A and B must be shown in the spaces provided.

3. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any answer written in pencils other than on graphs and diagrams will **not** be marked.

4. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.

5. Do not fill anything in the table indicated: "**FOR EXAMINERS' USE ONLY**"

Turn Over
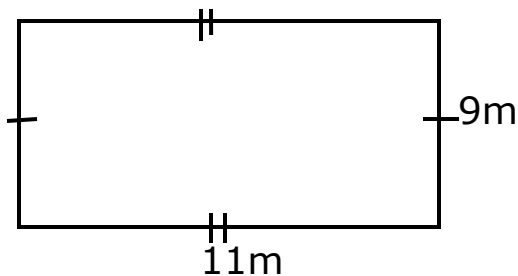
Email: fuufujohn1@gmail.com

SECTION A: 40 MARKS

Answer **all** the questions in this section.
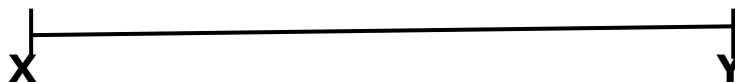
Each question in this section carries **two** marks.

1. Add: 35 + 54

2. Find the value of **7** in the number **47,066**.

3. The diagram below shows Mr. Kato's animal farm. Find the total distance around his farm.

9m

11m

4. Measure the line segment **XY** below.

X   Y

5. Given that set **M = {a, b, c, d}**. How many members are in set **M**?

6. Find the next two numbers in the sequence below.
3,   5,   7,   9,   ………., ……….

7. Work out: $\frac{1}{4}$ of 12

8. A mathematics lesson started at **9:15a.m** and ended at **11:45a.m**. How long was the lesson?

9. Change **6** metres to centimeters (**cm**).

10. Given that **m=8** and **r=3**. Find the value of **m+r**.

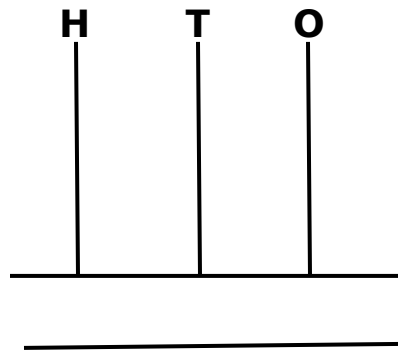11. **4** pens cost **sh. 2,400**. What is the cost of each pen?

12. Given that ⭐ represents **5** stars. How many stars are represented by ⭐⭐ ⭐⭐?

13. Fill in the missing number.
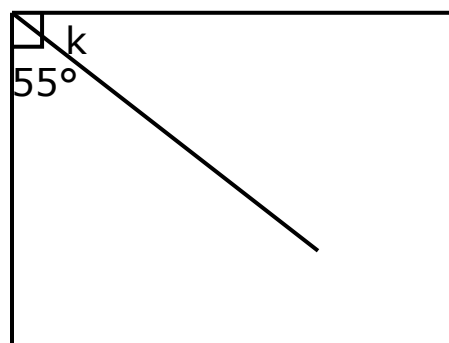
$$11 + \boxed{} = 23$$

14. Write **3,094** in words.

15. Represent **402** on the abacus below.
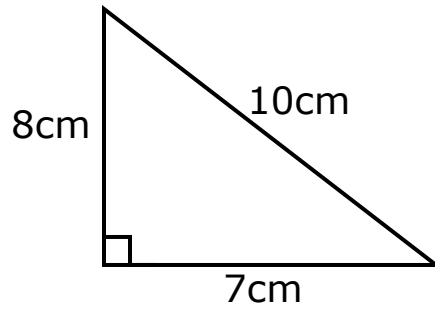

16. Work out: $\dfrac{1}{2} + \dfrac{1}{4}$
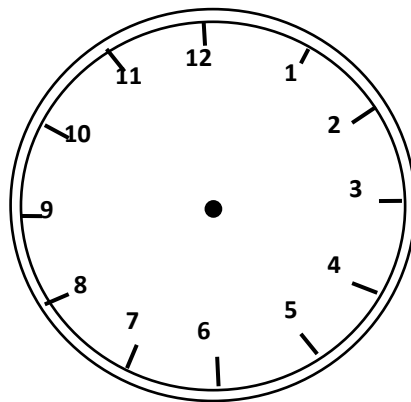
17. Find the value of **k** in the figure below.

18. Find the area of the figure below.

8cm
10cm
7cm

19. Draw tallies to represent the number **28**.

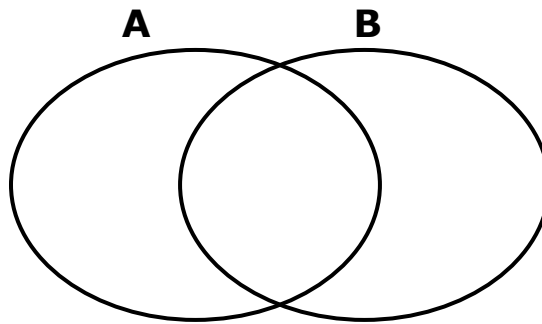20. Show **a half past 7 O'clock** on the clock face below.

SECTION B: 60 MARKS

*Answer **all** the questions in this section.*

Marks for each question are indicated in the brackets.

21. Given that **A = {a, e, i, o, u}** and **B = {a, b, c, d, e, f}**.

    (a) Represent the above information on the Venn
         diagram below.   (3 marks)

    (b) Find **n(AUB)**   (2 marks)

    (c) List the members in **A∩B**.   (1 mark)

22. Given that $k = 6 \; and \; m = 11$. Find the value of:

    (a) $m + k + 3$ (2 marks)

7

(b) *km* (2 marks)

23. Study the magic square below and use it to answer the questions that follow.

V	w	3
4	6	Y
9	X	7

(a) What is the magic sum? (1 mark)

(b) Find the value of:

    (i)   **x** (1 mark)

    (ii)   **v** (1 mark)

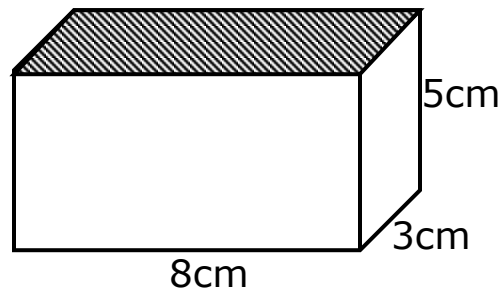   (iii)   **y** (1 mark)

(iv) **w** (1 mark)

24. In a class of **42** pupils, $\frac{3}{7}$ of them are boys and the rest are girls.
    (a) How many boys are there? (2 marks)

    (b) What is the fraction of the girls? (1 mark)

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

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

(a) Name the figure above. (1 mark)

....

(b) Find the number of:

(i)   Faces (1 mark)

(ii)   Vertices (1 mark)

(iii)   Edges (1 mark)

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

26. Using a ruler, a pencil and a pair of compasses only, construct an equilateral triangle of side **6cm**. (4 marks)

27. Given the digits **4**, **7** and **1**.

    (a) Form the smallest 3-digit number using the above digits. (1 mark)

    (b) What is the biggest 3-digit number formed using the above digits? (1 mark)

    (c) Find the sum of the smallest and biggest numbers formed from the above digits. (2 marks)

28. Compare the following statements using "**>**", "**<**" or "**=**" (**show the working**)

(a) 500g………………………………….. 1kg   (2 marks)

(b) 3 x 3 ………………………………….. 4 +4   (2 marks)

(c) 12 – 7 …………………………………….10 ÷ 2   (2 marks)

29. Moreen went to a market and bought the following items:

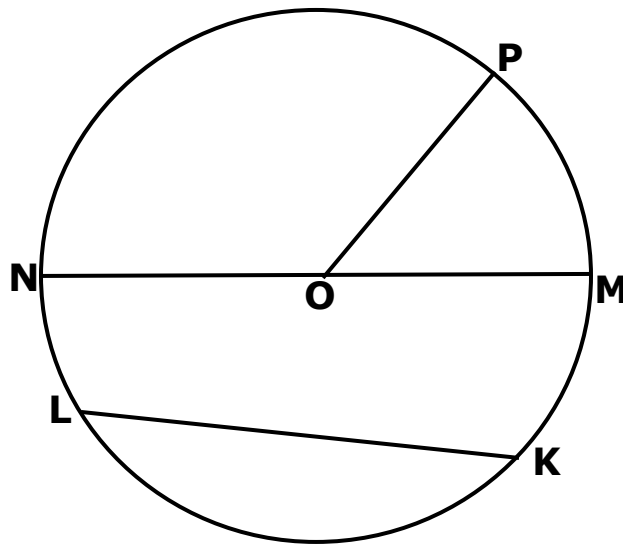2kg of sugar at sh. 4,000 per kg
A loaf of bread at sh. 5,000
3 litres of milk at sh. 1,200 each litre

(a) Find her total expenditure.   (3 marks)

(b) If Moreen went with **sh. 20,000** to the market, calculate her change.   (2 marks)

30. The diagram below shows parts of a circle. Use it to answer the questions that follow.
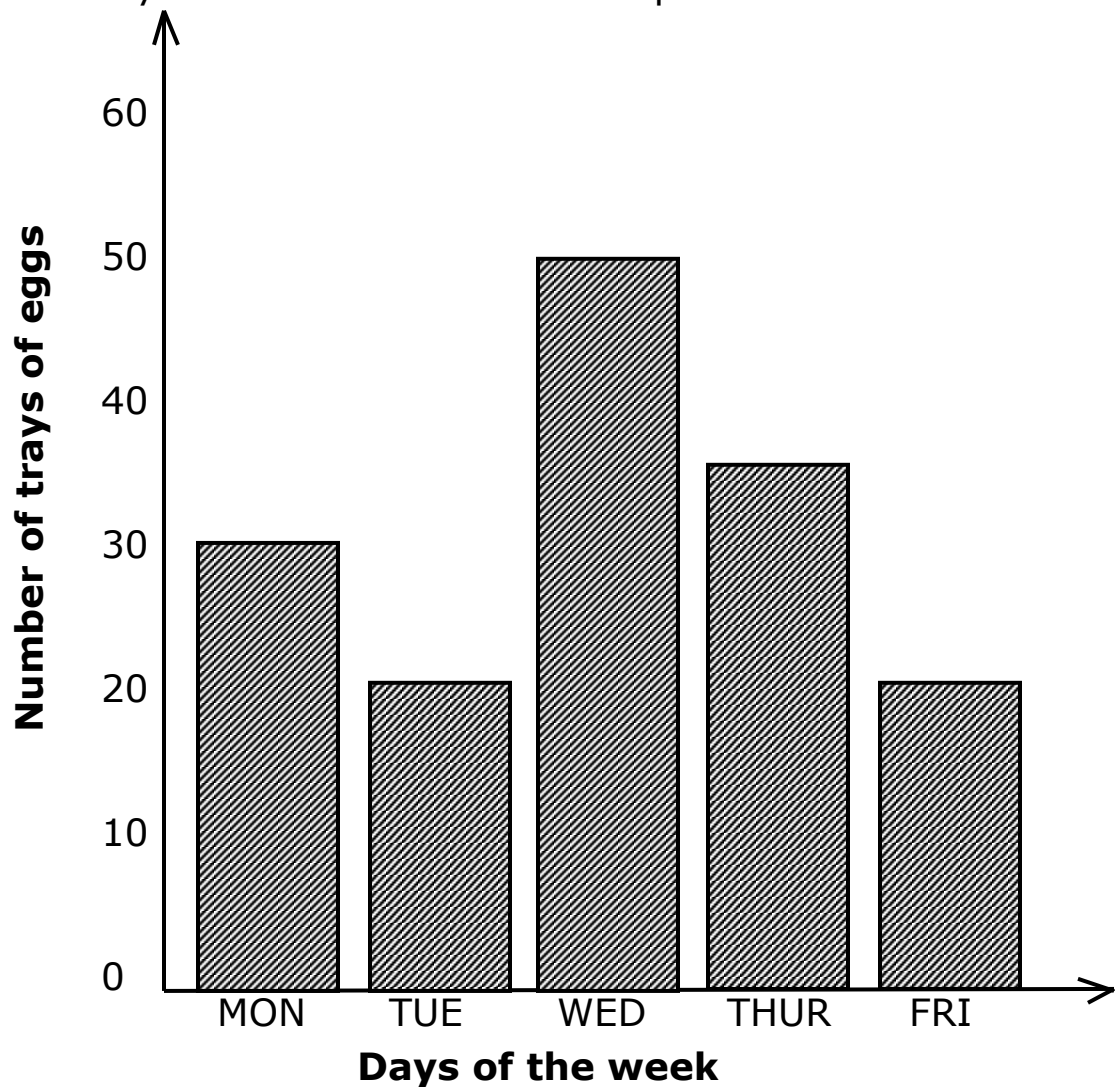

(a) Name the lines marked;

(i) **KL** …………………………………………….. (1 mark)

(ii) **OM** ………………………………………….. (1 mark)

(iii) **MN** …………………………………………. (1 mark)

(b) Given that line **OP = 7cm**, what is the length of line **MN**. (2 marks)

31. (a) Change **4** hours to minutes. (2 marks)

b) Work out: Hours   Minutes   (2 marks)

$$
\begin{array}{cc}
6 & 15 \\
+\ 2 & 55 \\
\hline
\end{array}
$$

32. The bar graph below shows the number of trays of eggs sold at **Mr. Soweto's Farm** in five days. Study it carefully and use it to answer the questions that follow.

(a) How many trays were sold on Thursday?   (1 mark)

14

(b) On which day was the highest number of trays of eggs sold? (1 marks)

(c) Which **two** days had the same number of trays of eggs sold? (1 mark)

(d) How many **more** trays were sold on Thursday than on Friday? (1 mark)

(e) Find the **total** number of trays of eggs that were sold in the five days. (2 marks)

END