ZAMSA JUNIOR SCHOOL – KALAGI

BEGINNING OF TERM 1 ASSESSMENT

PRIMARY FOUR

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 **13** 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

SECTION A: 40 MARKS

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

Each question in this section carries **two** marks.

1. Add:
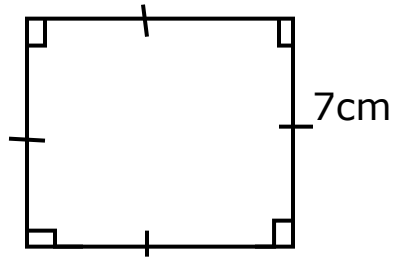 $$\begin{array}{r} 3\ 2\ 5 \\ +\ \ 4\ 3 \\ \hline \\ \hline \end{array}$$

2. Expand **412** in value form.

3. In the space provided below, draw the shape of a **kite**.

4. If set **Y = {vowel letters)**. Write down the members of set **Y**.

5. Change **3** weeks to days.

6. Work out the perimeter of the figure below.

7cm

7. My sister is **27** years old. Write her age in Roman numerals.

8. If represents **4** cups. How many cups are represented by ?

9. Fill in the missing box below.

$$\boxed{} + 7 = 12$$

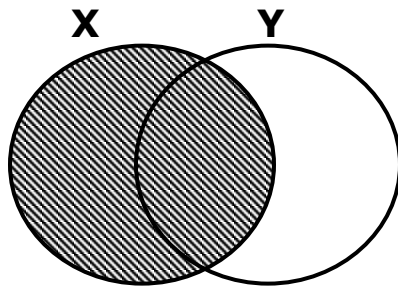10. Find the next number in the sequence below.

15,   13,   11,   9, …………….

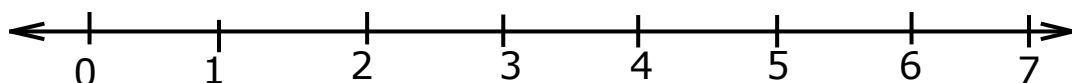11. Subtract: $\dfrac{7}{9} - \dfrac{5}{9}$

12. Change **9m** to **cm**.

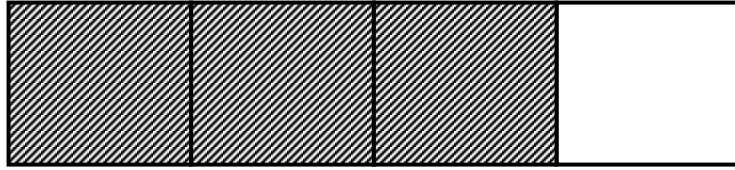13. The cost of a book is **sh. 1,500**. What is the cost of **3** similar books?

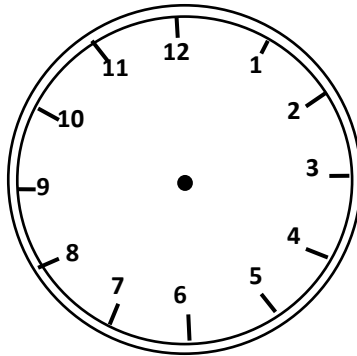14. Describe the shaded part on the Venn diagram below.

X   **Y**

15. Work out **2 + 4** using the number line below.

4

16. Describe the unshaded fraction of the diagram below?

17. Show **a half past 9 O'clock** on the clock face below.

18. Round off **545** to the nearest tens.

19. Simplify: 3boys + 2girls + 4boys +3girls

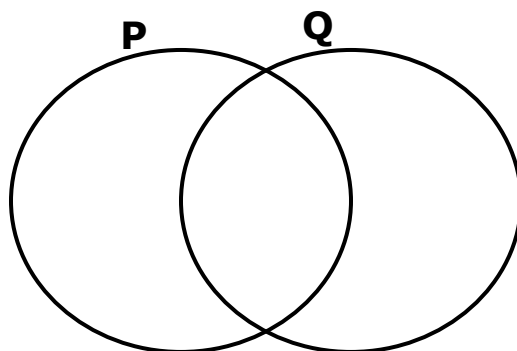20. In a class of **84** pupils, **43** are girls. How many are boys?

SECTION B: 60 MARKS

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

Marks for each question are indicated in the brackets.

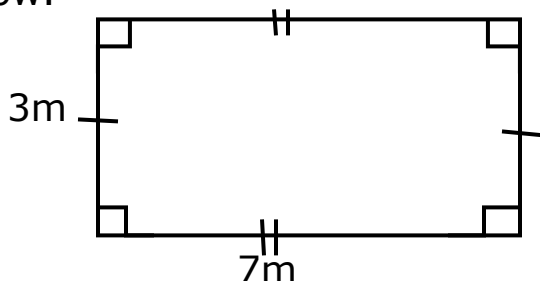21. Set **P = {2, 3, 5, 7, 11}** and set **Q = {1, 3, 5, 7, 9}**.

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

    P   **Q**

    (b) Find **n(P∩Q)**   (2 marks)

    (c) List the members of set **Q-P**.   (1 mark)

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

    3m

    7m

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

(b) Find the area of the above figure.   (2 marks)

(c) Calculate its perimeter.   (2 marks)

23. Shakirah is **22** years old. Her sister Hannifah is **14** years old.
    (a) Find their total age.   (2 marks)

    (b) How old will Shakirah be in 7 years' time?   (2 marks)

24. Given the digits **3,5,9** and **1**.

    (a) Write the smallest 4-digit number formed using the above digits.   (1 mark)

7

(b) What is the largest 4-digit number formed using the above digits. (1 mark)

(c) Work out the **sum** of the smallest and largest numbers formed. (2 marks)
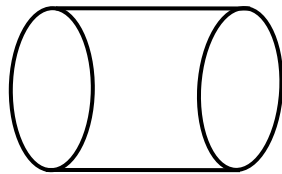
25. (a) Draw the following shapes. (2 marks each)
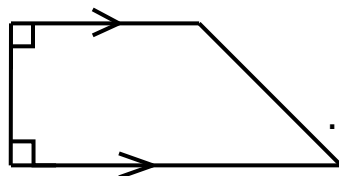
(i) **Cone** (ii) **Cuboid**

b) Name the following figures.
(i)

…………………………………… (1 mark)

(ii)

…………………………………….. (1 mark)

8

26. Use **>**, **<** or **=** to complete the statements below.

   (a)   2 + 3 ……………………… 2 × 3   (1 mark)

   (b)   5m ………………………….. 200cm   (1 mark)

   (c)   XXIV …………………………. 24   (1 mark)

   (d)   2 weeks ………………………. 13 days   (1 mark)

27. Work out the following:

   (a)   2,034 + 335   (2 marks)

   (b)   1,627 – 337   (2 marks)

   (c)   Multiply: 302 × 4   (2 marks)

28. A teacher had $\frac{4}{5}$ of a cake, he ate $\frac{1}{5}$ of it.
   (a)   What fraction of the cake remained?   (2 marks)

9

(b)   Write the name of the fraction of the cake that
      remained.   (1 mark)

(c)   What is $\frac{1}{7}$ **of 14** pencils?   (2 marks)

29.   The table below shows items and their prices. Use it to
      answer the questions that follow.

Item	Price
A cup	Sh. 2,000
A ruler	Sh. 1,500
A book	Sh. 3,500
An apple	Sh. 1,500

(a)   How much is the most expensive item?   (1 mark)

(b)   Which two items cost the same price?   (2 marks)

(c) How much will Annet pay if she buys **2** books and a ruler?   (2 marks)

30. Find the missing numbers.

(a) $14 \div \boxed{} = 2$ (2 marks)

(b) $\boxed{} - 11 = 4$ (2 marks)

(c) $3 \times \boxed{} = 18$ (2 marks)

31. (a) Find the value of **4** in the number **9,405**. (2 marks)

    b) write **8,434** in words. (2 marks)

32. The pictograph below shows the number of boxes picked by four pupils. Use it to answer the questions that follow.

Name of pupil	Number of boxes picked
Alice	▢ ▢ ▢ ▢ ▢
Denis	▢ ▢ ▢
Gorret	▢
Martin	▢ ▢ ▢ ▢

If ▢ stands for 10 boxes

(a) Who picked the least number of boxes?   (1 mark)

(b) How many boxes did Gorret and Martin pick
     altogether?   (2 marks)

(c) How many more boxes did Alice pick than Denis?
     `   (2 marks)?

END