ST. THEREZA NAMIRYANGO GIRLS' BOARDING PRIMARY SCHOOL
END OF TERM I CONTINUOUS ASSESSMENT 2024
P.5 MATHEMATICS
TIME ALLOWED: 2 HOURS 30 MINUTES
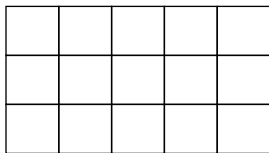
NAME_____STM__

SECTION A (40 marks)

1. Add : 9 cups + 6 cups =

2. Express 3gm as kg.

3. Write **"Sixty-four thousand ninety and seven hundredths"** in figures.
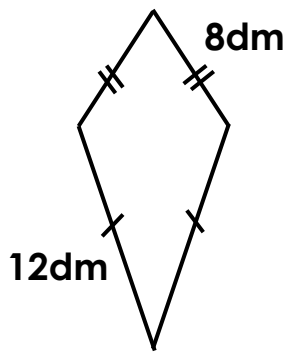
4. Shade $\dfrac{2}{5}$ of the figure below.

5. Find the number expanded below.
    (4×10^4) + (6×10^3) + (9×10^1) + (5×10^0)

6. Birungi started washing at 11:20am and ended at 2:45pm. For how long did she wash?

7. Find all the factors of 30.

8. Work out the total distance round the figure below.

8dm

12dm

9. Emma had 90 kg of millet and 45 kg of maize. Express the total amount of grains as Roman numerals.

10. Round off 8, 367 to the nearest hundreds.

11. A dice was rolled once, what is the probability that an even number showed up?

12. Find the number represented by tally marks below.

$$\cancel{||||}\ \cancel{||||}\ \cancel{||||}\ \cancel{||||}\ ||||$$

13.   If $PF_m = 2^3 \times 3^2 \times 5^1$. Find the value of m.
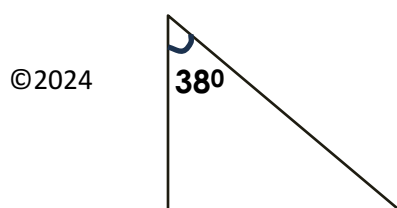
14.   Find the sum of the first 5 odd numbers.

15.   Add: 3 + 4 = _____ (finite 5).

16. A trader bought a radio at sh. 13,500 and later sold it at sh. 18,000. Find the profit he made.

17.   Given that **P = {b, c, d},** list all the subsets that can be formed from set **P**.

18.   Find the unknown angle below.

38⁰

k

19.   Convert $5\frac{2}{3}$ to an improper fraction.

20.   There are 254 birds in each poultry house. How many birds are there in 14 houses altogether?

SECTION B (60 MARKS)

21.   The teacher had cards numbered $\boxed{4}\ \boxed{7}\ \boxed{0}\ \boxed{9}$
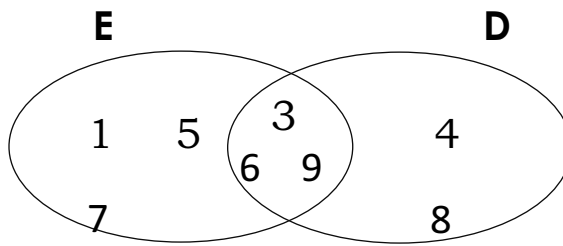
(a) Form the smallest 4-digit numeral using the digits above.
                                                        (1mark)

(b) Form the largest 4-digit numeral using the digits above.
                                                        (1mark)

(c) Find the product of the value of 9 and the place value of 4 in the largest numeral formed above.   (3 marks)

22. Study the Venn diagram below and answer the questions that follow

E   **D**

```
     1     5   3      4
              6  9
    7                 8
```

(a) List all the elements in the union set.   (1mark)

(b) Find ;

(i) n(E - D)   (1mark)

(b) Find the number of proper subsets that can be formed from $E \cap D$

                                         (2marks)

23. (a) Work out;   (2marks)

```
        Hours      Mins
          9          30
    -     3          45
    _____

    _____
```

(b) Coffee plants take $3\frac{1}{2}$ years to mature. Express the period of time as months.   (2marks)

(c) How many days are in the month of February in a leap year?

                                         (2marks)

24. At a wedding party attended by 160 guests, $\frac{3}{4}$ of them are females

and the rest are males.

(a) Find the fraction of male guests.   (1mark)
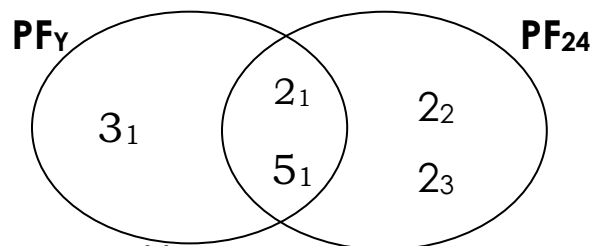
(b) How many more female guests than male guests attended the
    wedding party.   (3marks)

(c) If each guest was served a litre of juice, how much juice was served in
    millilitres?   (2marks)

25. **Study the Venn diagram below and answer the questions that follow.**

PF_Y PF_{24}

3_1 2_1 2_2

5_1 2_3

(a) Find the value of Y   (1mark)

(b) Find the G.C.F of y and 24   (2marks)

(c) Work out   the L.C.M of y and 24.   (2marks)

26. (a) Change 132$_{five}$ to base ten.   (2marks)

(b) Express 27$_{ten}$ as base five numeral.   (2marks)

27. Balikudembe scored the following marks in a monthly test.
    75%,   85%,   80%,   95%,   85%
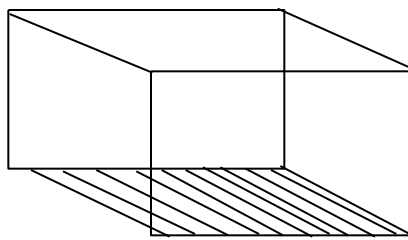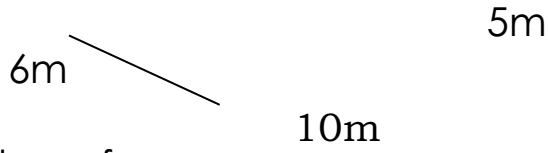   (a) Find his median mark   (1mark)

    (b) What was the range of his marks?   (1mark)

    (c) Work out his mean mark.   (2marks)

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

6m 5m

10m

(a) Find the number of; (1mark @)

 (i) **vertices** = _____ ii) **edges** = _____ iii)**faces** = _____

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

(c) Find the Total Surface Area of the above cuboid. (3marks)

29. Apio went to the market and bought the following items.

2kg of rice at sh. 400 per kg.

3 litres of milk at sh.1200 per litre.

500g of salt at sh.1800 per kg

a) Find the total expenditure. (4mrks)

b) If the shopkeeper gave her a change of sh.1100. How much did she have at first?

30. **Use** **>, < or = to compare the following correctly.**

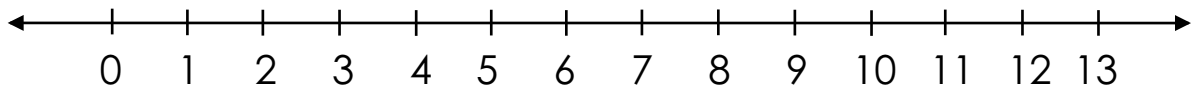 (1mark each)

  a) 7 + 7 _____7 × 7

(b) CLV _____ 155
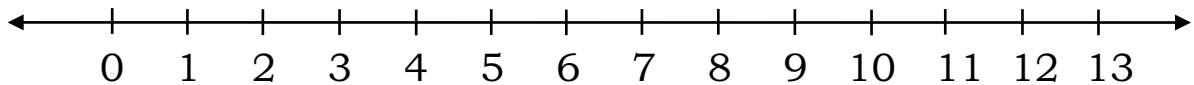
(c) 240minutes _____ 2 hours

(d) 5,000g _____ 7kg

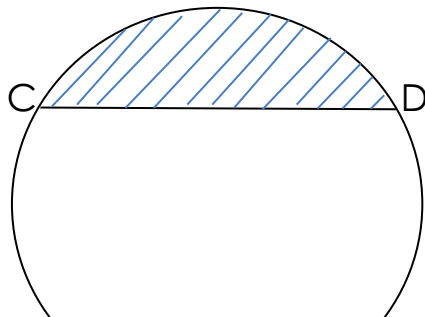31. **Use the number lines below to work out.**

(a) 9 - 4 =

```
←——+——+——+——+——+——+——+——+——+——+——+——+——+——→
    0   1   2   3   4   5   6   7   8   9  10  11  12 13
```

(b) 5 × 2 =

```
←——+——+——+——+——+——+——+——+——+——+——+——+——+——→
    0   1   2   3   4   5   6   7   8   9  10  11  12 13
```

32. **Study the diagram below and use it to answer the questions that follow.**

A ——————— O ——————— B

P
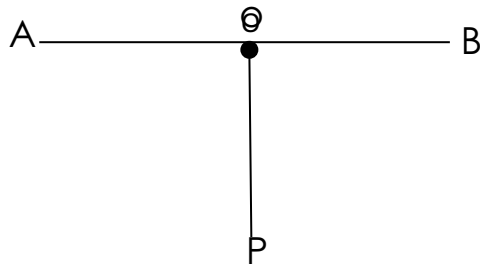
(a) Name the lines of the circle marked;   (1mark each)

   (i)   **OP**=_____   (ii) **CD** =_____

(b) Name the shaded part of the circle.   (1mark)

_____

(c) If $\overline{AB}$ = 16cm, find the length of $\overline{AO}$.   (2marks)

END