GLOBAL VIEW PREPARATORY SCHOOL

MID TERM THREE EXAMINATIONS 2023

PRIMARY FIVE (5) MATHEMATICS

NAME: ....

SCHOOL: ....

STREAM: ....

SIGN: ....

Read the following instructions carefully:

1. This paper has **two** sections: **A** and **B**. Section A has 20 questions and Section B has 12 questions.
2. Answer all Questions. All the working for both Section **A** and **B** must be shown in the spaces provided.
3. All working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencils other than graphs and diagrams will not be marked.
4. **No calculators** are allowed in examination room.
5. Unnecessary changes in your 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 anything in the table indicated: **"For Examiners' Use Only."**

SECTION A (40 marks)

1. Workout:

$$\begin{array}{r} 23 \\ \times3 \\ \hline \\ \hline \end{array}$$

2. Write 49,094 in words.

3. Solve for K: $8 + K = 20$

4. Simplify: $2a - 5a + 10a$

5. By using a pencil, ruler and a protractor, draw an angle of 80^0 in the space below.

6. Express 3600cm as millimetres.

7. A business man bought a dozen of books at sh.12, 000. How much did he buy each book?

Workout: $6 + 8 =$ _____ $(mod 5)$

9. Simplify: $-8 - {}^+2$

10. Given that: ⚽ ⚽ ⚽ represent 42 balls, how many balls are represented by ⚽ ⚽

11. What is $\frac{2}{3}$ of 36 oranges?

12. Mr. Okumu had $\frac{3}{5}$ piece of land and gave $\frac{1}{5}$ of it to his friend. Find how much land he is left with now.

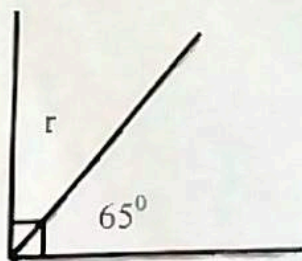13. Tell the afternoon time on the clock face below.

_____

14 Given that set R = {1, 2, 3}. How many subsets are there in set R?

15 Change $\frac{9}{2}$ into improper fraction.

16 Good luck ruled Nigeria for twenty nine years. Write the years he took ~~in took~~ in power as Roman Numerals.
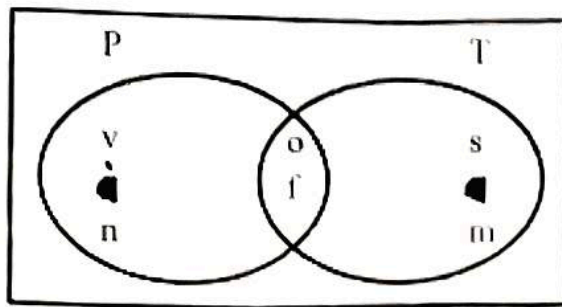
17 Calculate the range in the number 4, 0, 10, 2, 18.

18. Find the size of angle r.

19. A coin is tossed once. What is the probability that the head is shown?

4

Use the venn diagram below to answer the questions that follow.

a). Find the complement ^of set T.   (2 marks)

b). Find the elements of set P.   (1 mark)

c). Find n(AUT)   (2 marks)

22. a) Use >, < or = to compare the followings.   (3 marks)

i). $\frac{2}{3}$ _____ $\frac{1}{2}$

ii). CM _____ XXX

iii). 0.2 _____ 0.003

b). Iyom thought of a number when added to 10 the result is 40 What is that number?

       (2 marks)

23. The following table of bill is of Mrs. Lucy Onekalit. Study it carefully and answer the questions below. (5 marks)
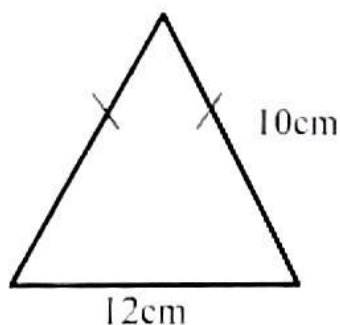
a). Complete the table.

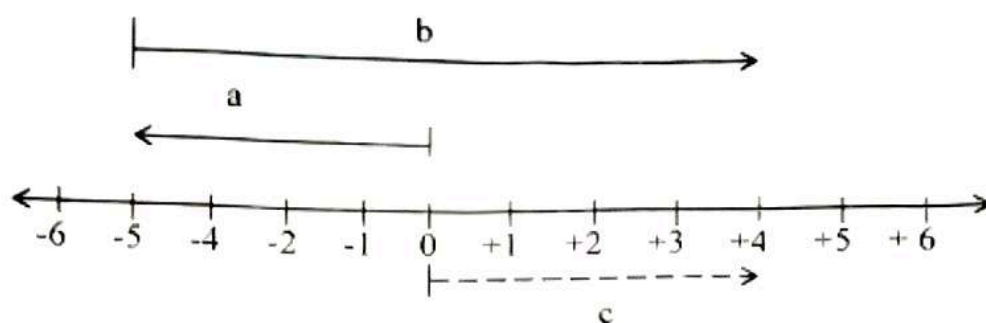| ITEMS	QUANTITY	UNIT COST	TOTAL COST
Chicken	2 birds	Sh. 12,500/chicken	Sh. _____
Sugar	_____ kg	Shs 2,600/kg	Sh. 7,800
Rice	5kg	Sh. _____ /kg	Sh.18,000
Bananas	2 bunches	Sh. 15,000/bunch	Sh. _____
			Sh. _____

b). Calculate her change if she had Sh.90,000. (2 marks)

24.a). Akello planted flowers in a rectangular piece of land measuring 15m by 8m. Find the area of the land. (3 marks)

b). Workout the perimeter of the figure below. (2 marks)

10cm

12cm

Study the number line below carefully and answer the questions that follow

i). Identify the integer represented by letter.   (3 marks)

a _____

b _____

c _____

ii). Write the mathematical statement.   (2 marks)

26.a) Homeland bus left Kitgum travelling at a steady speed of 160km/hr for 2 hours. What distance did it cover?   (2 marks)

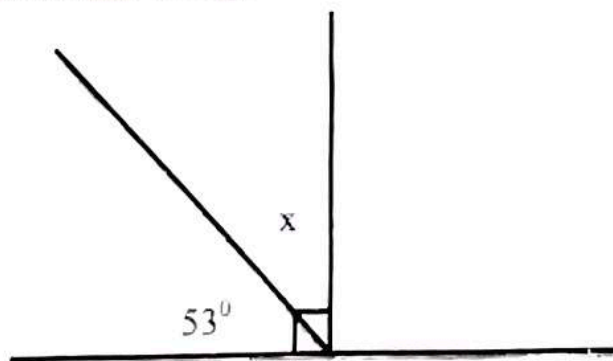b) Convert 180 minutes into hours.   (2 marks)

c). A morning first lesson at Global View Preparatory school starts at 7:30am and 8:30am. For how long does the lesson end? (2 marks)

27. Using a ruler, sharp pencil and a pair of compasses, construct an hexagon of radius 3cm.

28. I was facing South and then turned anti clockwise to face North West~~south~~. What angle did I turn? (2 marks)

b). Find the size of angle marked x. (3 marks)

53°   x

8

a). Change 123_{four} to base ten.

(2 marks)

b). Workout:

$$
\begin{array}{r}
4\ \ 0\ \ 4_{five} \\
-\ 1\ \ 2\ \ 4_{five} \\
\hline
\end{array}
$$

(2 marks)

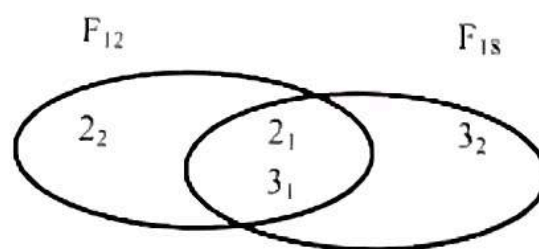29 a). Study the magic square below and complete it correctly.

(3 marks)

7	a	5
2	4	b
c	8	1

b). Find the box. ☐ X 9 = 45

(2 marks)

30. The venn diagram below shows prime factors of 12 and 18. Use it to answer the questions that follow.
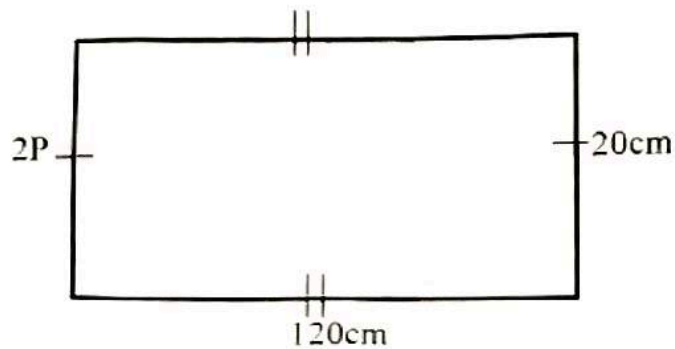
F_{12} F_{18}

2_2 2_1 3_2
          3_1

a). Workout the GCF of 12 and 18 using the above venn diagram.

(2 marks)

b). Find F_{12} U F_{18}.

32. The figure below shows a rectangular garden. Use it to answer the questions that follow.

a). Find the value of P in centimeters.   (2 marks

b). Workout the perimeter of the garden.   (2 marks)

No. 20. Dominic thought of a number which when added to 10 the result will be 15. Find the number.