HILL VIEW DAY & BOARDING NURSERY AND PRIMARY SCHOOL
MID - TERM TWO EXAMINATIONS - 2024
MATHEMATICS FOR PRIMARY SEVEN
DURATION: 2 ½ HOURS

NAME:.....

SECTION A: 40 MARKS

1.	Workout 2 x 3 using repeated addition.	2.	Given the subsets of set M are $\{\ \}, \{a\}, \{b\}, \{c\}, \{a, b\}, \{a, c\}, \{b, c\}, \{a, b, c\}$ Find n (M)
3.	Write 73,054 in words.	4.	Find the next two numbers in the sequence; 216, 125, 64, 27, _____, _____
5.	Work out: $\frac{2}{3} + \frac{1}{4}$	6.	Using a pair of compasses, a ruler and a sharp pencil only, construct an angle of 105° in the space below.
7.	Simplify: $^{-}8 + {}^{-}3$	8.	A cyclist covered 6 in 40 minutes. Calc speed of the cyclis kilometres per hou

31. a) A father is thrice as old as his son. In 10 years time their total age will be 60 years. **(3 marks)**

b) How old will each be now? **(2 marks)**

32. In a village, the ratio of children to women to men is 3 3 P respectively.

a) Find the ratio of men in the village. **(3 marks)**

b) How many more men than the women are in the village? **(2 m**

END

29. The table below shows the performance of a P.7 class in a test. Use it to answer questions that follow.

Marks scored	65	p	70	25
Frequency	y	3	1	4

a) Find the value of y if 10 pupils did the test. **(2 marks)**

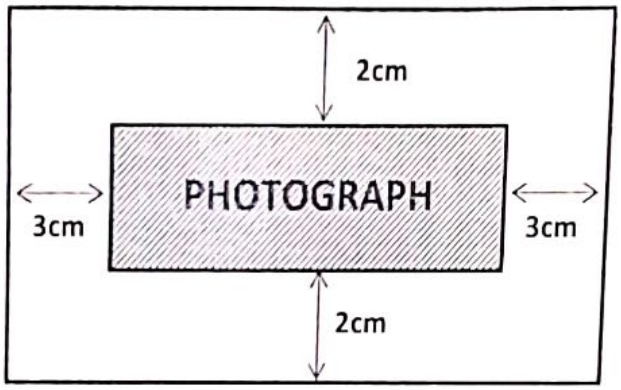
b) If the mean score was 48. Find the value of p.

30. A motorist left Mutukula travelling at a speed of 4
Masaka. If he returned to Mutukula through the s
speed of 40km/hr.

a) Find the distance between Mutukula and Mas

b) Workout the average speed for the whole jou

28. The figure below shows a photograph placed on a frame.



a) Find the length and width of the photo. (2 marks)

b) Find the area of the frame not covered by the photo

Write down the mathematical sentences shown on the above number line. **(1 mark)**

Martion was given sh.25,000 to buy things to take to school and he bought the following items. He was given a discount at 5%.

- **3 books at sh.2800 per book**
- **$2\frac{1}{2}$ bars of soap at sh.5,000 a bar.**
- **6 pens at shs.600@**

a) Find his total expenditure without a discount. **(3 marks)**

b) How much was his discount? **(2 m**

b) Expand 140,853 using indices. **(2 marks)**

23. a) The average of 4 consecutive odd numbers is 8. Find the numbers. **(2 marks)**

b) Find their range. **(2 marks)**

24. A man spent $\frac{1}{3}$ of his salary on food, $\frac{1}{4}$ of the remainder on rent and saved sh.50,000.

a) What fraction of his salary did he save?

b) How much was his salary.

SECTION B

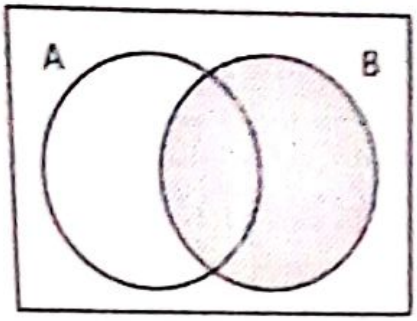
21 In a class, pupils like Singing (S) and Dancing (D) as shown on the Venn diagram below

a) Given that the number of pupils who like ... twice the number of pupils who like singing ...

b) Find the total number of pupils in the class.

22 a) Complete the table below (Done for you) (1 mark @)

	•	3	4
2			
1	4		

15.	Describe the unshaded region in the venn diagram below.  	16.	Solve for p: $3p_{seven} = 26_{ten}$
17.	The LCM of 2 numbers is 180 and their GCF is 6. If one of the numbers is 36. Find the second number.	18.	A football match which lasted for $1\frac{1}{2}$ hrs ended at 12:15pm. At what time did it start?
19.	A bucket was $\frac{3}{4}$ full of water, when 20 litres were drawn, it became $\frac{1}{2}$ full. Find the capacity of the bucket.	20.	Find the va[illegible]

9.	Jane bought 4 pens at shs.2,000/=. How many pens will she get for shs.3,600/=	10.	The length and the width of a rectangular garden are in ratio of 3:2 respectively. Find the actual length of a rectangular garden if its perimeter is 40 metres.
11.	Given that [ ] represents 8 books. Draw pictures to represent 36 books.	12.	Given that $n = 3$, $m = -2$ and $y = 8$. Find $\frac{mn}{y+m}$.
13.	Write the number whose standard form is 9.61×10^2.	14.	Find the size of angle **m** on the diagram below.