



**SURE KEY EXAMINATIONS BOARD**  
**PRIMARY FIVE END OF TERM I EXAMINATIONS**  
**2022**  
**MATHEMATICS**

*Time Allowed: 2 hours 30 minutes*

Admission No.						Personal No.		

**Student's Name:** .....

**Student's Signature:** .....

**School Name:** .....

**District Name:**.....

**Read the following instructions carefully:**

1. Do not forget to write your **school** and **district name** on this paper.
2. This paper has two sections: **A** and **B**.  
Section **A** has **20** questions and Section **B** has **12** questions. The paper has **12 printed pages** altogether
3. Answer **all** questions. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
5. **No calculators** are allowed in the examination room.
6. Unnecessary **changes** in your work and 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"** and boxes

FOR EXAMINERS' USE ONLY		
Qn.No.	MARKS	EXR'S NO.
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

## SECTION A: 40 MARKS

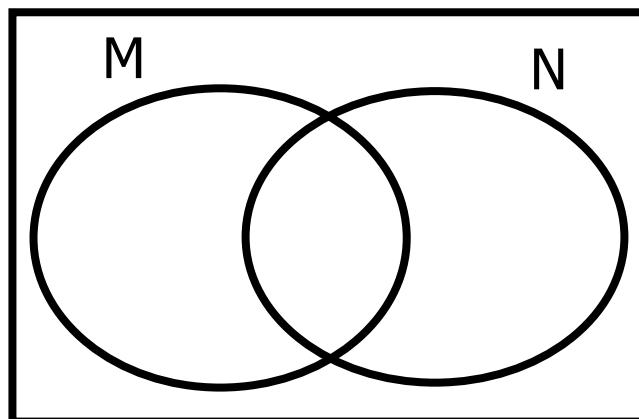
Answer **all** questions in this Section

Questions 1 to **20** carry two marks each

1. Add: 
$$\begin{array}{r} 1\ 0\ 6 \\ +\ 3\ 2 \\ \hline \end{array}$$

2. Express 600cm to metres.

3. Shade **M – N** in the Venn diagram below.

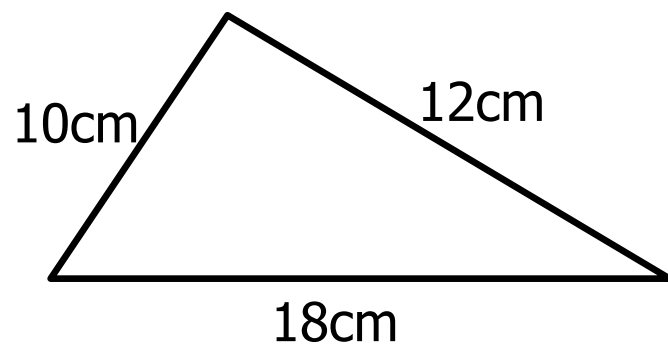


4. Adwaro bought 18 books at sh 3,000 per pair. How much money did she spend on books?

5. Show us your age by subtracting the year you were born from 2022.



6. Find the perimeter of the figure below.



7. 1kg = 1000 grams. How many grams are in half a kilogram?

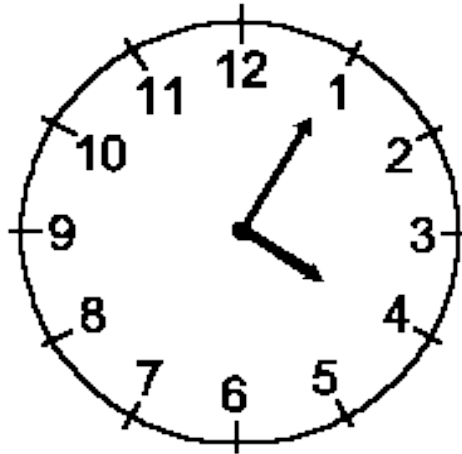
8. Subtract:  $\frac{2}{3} - \frac{1}{3}$ .

9. Simplify: 5boys + 4girls – 3boys + 2girls.

10. Given that  $m = 3$  and  $n = 4$ . Find the value of  $mn + 2n$



11. Tell the afternoon time shown on the clock face below.



12. The table below shows the number of learners who sat for a test.

Marks	20	85	90	95
No. of learners	III			

How many learners sat for the test?

13. The prime factors of  $x$  are given below.

$$F_x = \{2_1, 2_2, 3_1, 5_1\}$$

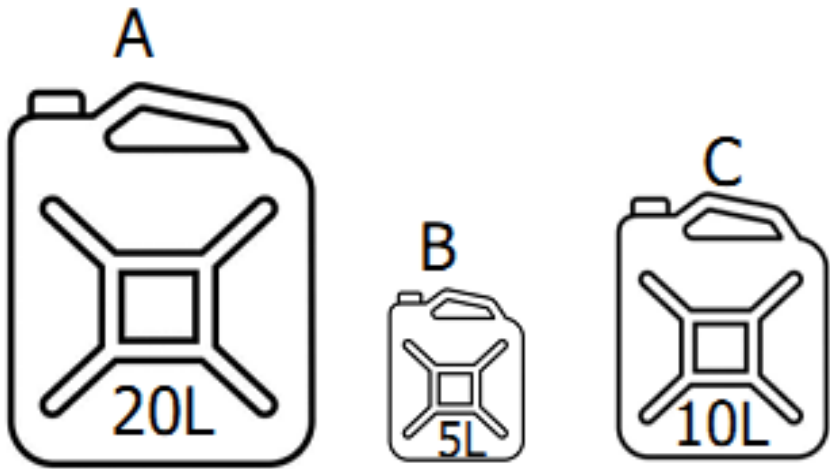
Find the value of  $x$ .

14. Amoti is 2 years younger than Kapere. Their total age is 18 years.  
How old is Kapere?

15. Find the next number in the sequence below;

1, 4, 7, 10, .....

Below are three jerrycans that hold different litres of juice use them to answer questions **16** and **17**.



16. How many jerrycans of size **B** can fill 2 jerrycans of size **C**?

17. If each litre of juice in jerrycan **B** is sold at shs.200, how much money would you get from selling the full jerrycan?

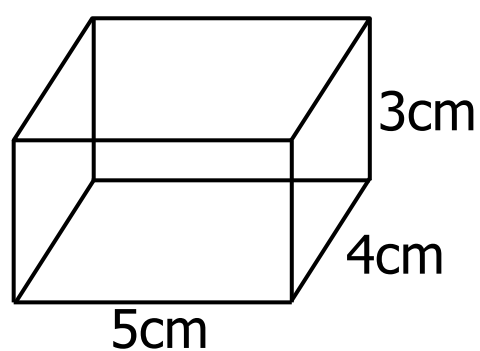
18. Workout:

Weeks	Days
4	3
- 1	5
<hr/>	

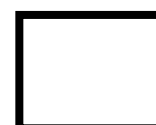
19. Work out using repeated addition.

$3 \times 2 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

20. Below is a rectangular prism. Use it to answer the question that follows.



Calculate the volume of the prism above.

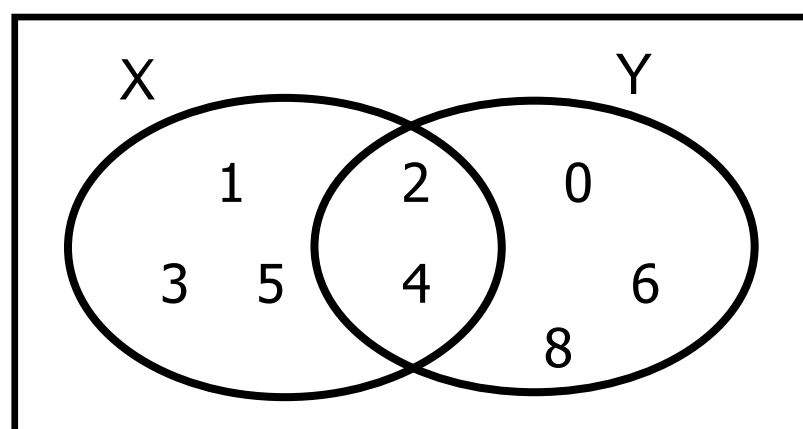


### SECTION B: 60 MARKS

Answer **all** questions in this section

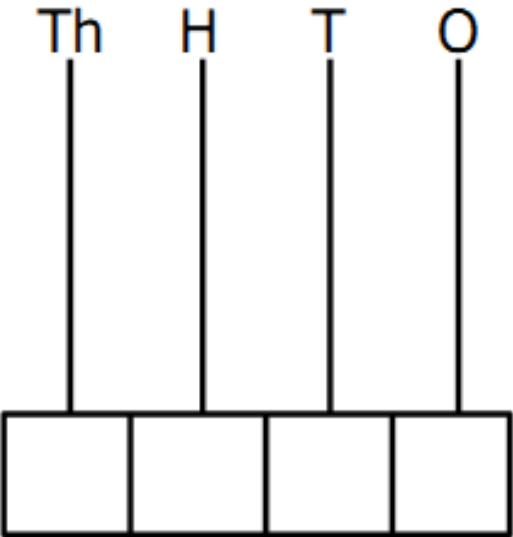
Marks for each question are indicated in brackets

21. Use the Venn diagram below to answer questions that follow.



- (a) Find  $X \cup Y$  (02 Marks)
- (b) Find number of members of  $X \cap Y$ . (02 Marks)
- (c) List down the members of set Y. (01 Mark)
- (d) How many members are in set X? (01 Mark)

22. (a) Show 4502 on the abacus below. (01 Mark)



(b) Find the value of the numbers 4 and 2 in the number represented on the abacus above. (02 Marks)

(c) Write the number on the abacus in words. (02 Marks)

.....

.....

23. Find the missing numbers in the examples below.

(a)  X 4 = 12 (01 Mark)

(b)  ÷ 5 = 4 (01 Mark)

(c) Omoti has 8 mangoes but needs make a total of 15 mangoes. How many more mangoes does he need? (02 Marks)

24. (a) I remained with sh.1500 after buying food. If I had sh. 5000, how much did the food cost? (02 marks)

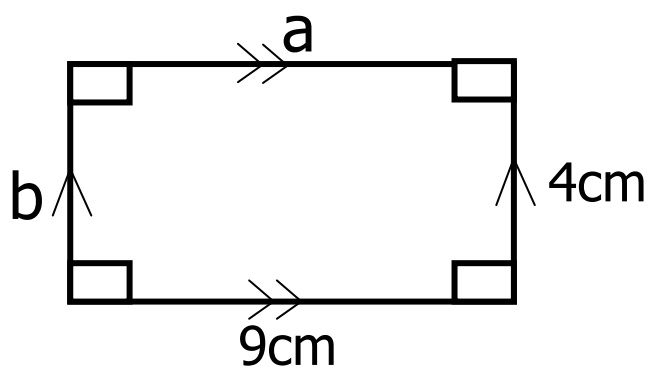
(a) Kalungi had sh.1500. He shared it among his 5 friends. How much did each get? (02 marks)



25. Complete the place value and value chart below correctly. (05 Marks)

9	8	5	2	4	3	<u>Place value</u>	<u>Value</u>
						Ones	.....
						Tens	4 x 10 = 40
						.....	2 x 100 = 200
						Thousands	.....
						Ten thousands	.....
						.....	.....

26. Study the figure below carefully and answer the questions about it.



- (a) Find the value of; (01 mark each)
- (I) **a** .....cm (ii) **b** .....cm



(b) Find the total distance around the figure above. (02 Marks)

(c) Calculate the area of the figure (02 Marks)



27. (a) What number has been expanded to give,  
 $3000 + 600 + 7.8 + 0.2$  ? (02 Marks)

(a) Round off 3254 to the nearest tens. (02 Marks)

28. Use the price list below to answer the questions that follow:-

Item	Price
An apple	shs. 1000
Sugar	shs. 3500 each kg
Rice	shs. 3000 each kg
Bread	shs. 2000 each loaf

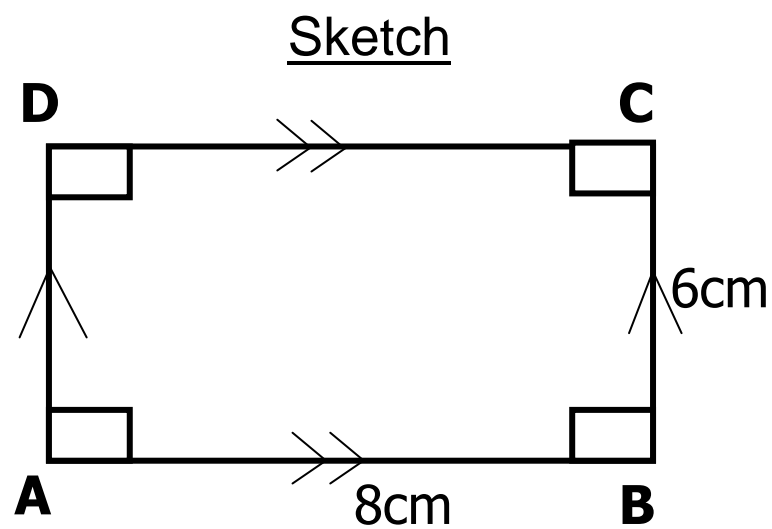
(a) Find the cost of 3 kgs of sugar. (02 Marks)

(b) Find the total cost of a kilogram of rice and a loaf of bread.  
(02 Marks)

(c) How much will Timothy pay to buy all the items above?  
(02 Marks)

28. (a) Using a ruler, a protractor and a pencil only, **draw** a rectangle **ABCD**. Where length  $AB = 8\text{cm}$  and Width  $BC = 6\text{cm}$   
You may use the sketch below to guide you.

(04 Marks)



Accurate diagram



30. Study the magic square and work out the questions that follow.

9	y	w
x	6	8
5	z	3

(a) Find the magic sum. (01 mark)

(b) Find the value of;- (01 mark each)

(i) **y**

(ii) **w**

(iii) **x**

(v) **z**



31. (a) How many half kilograms can you get from 3 kilograms of sugar? (02 Marks)

(b) A pupil did  $\frac{5}{9}$  of his homework. What fraction of the homework was left? (02 Marks)

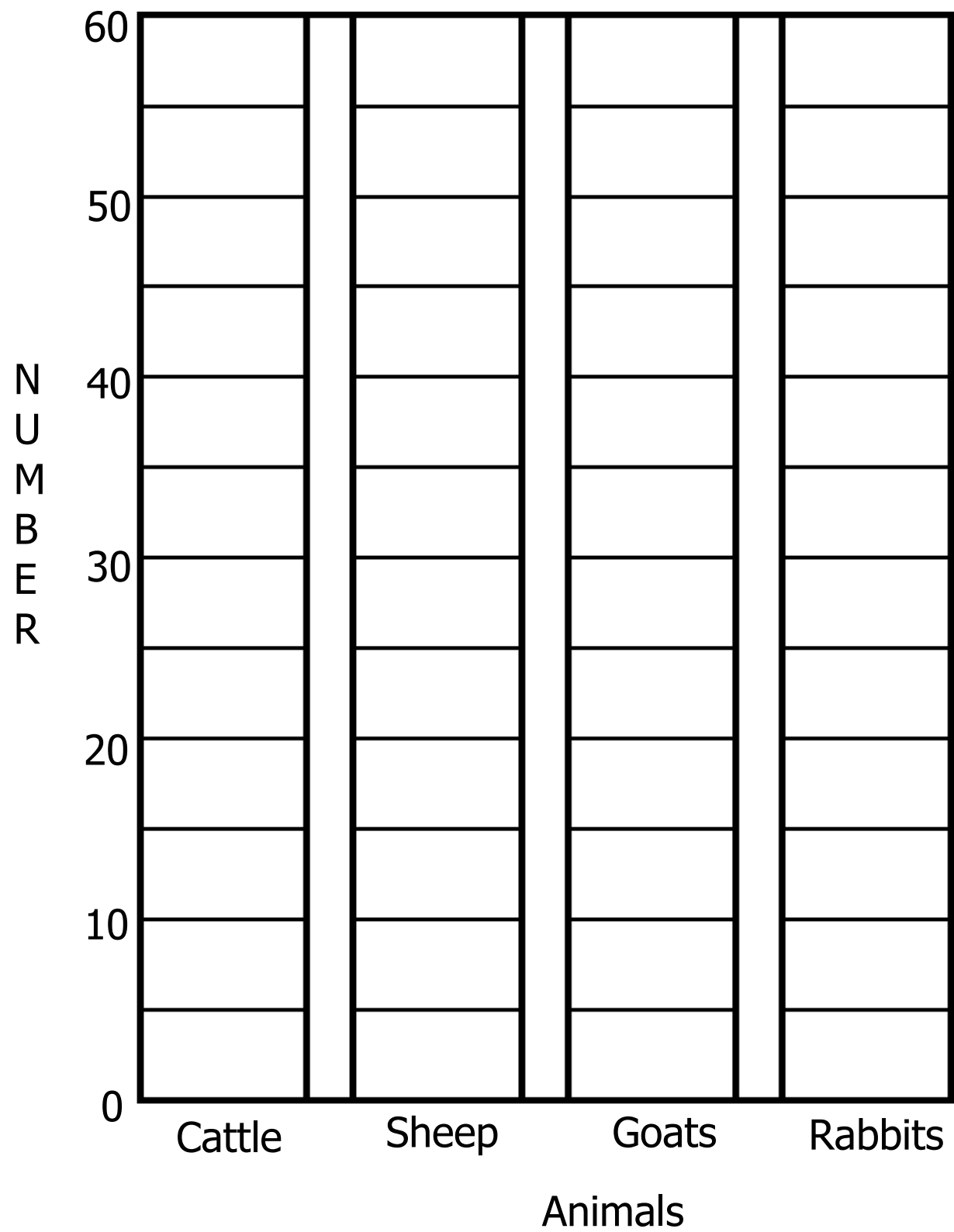
(c) Adra wrote  $\frac{3}{8}$  of the book in the morning and  $\frac{4}{8}$  of it in the evening. Find the total fraction he wrote. (02 Marks)

32. The table below shows the number of animals on Zedde’s farm. Use it to answer the questions that follow.

Animals	Cattle	Sheep	Goats	Rabbits
Number	45	30	50	15

(a) Represent the above information on the graph below.

(04 marks)



(b) Find the fraction of goats on the farm.

(02 marks)

