

LUNGUJJA PROGRESSIVE PRIMARY AND NURSERY DAY AND BOARDING SCHOOL

HOLIDAY WORK MATHEMATICS PRIMARY FIVE

Time Allowed: 2 hours 30 minutes

Name :

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully:

1. This paper has **two** sections: **A** and **B**.
2. All the working for both sections **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 fountain pen. Any work done in pencil other than graphs, pictures and diagrams will **not** be marked.
4. **No calculators** are allowed in the examination room.
5. Unnecessary changes of 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 boxes indicated:
“For Examiners’ Use Only”

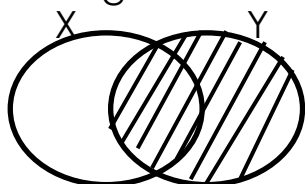
FOR EXAMINERS’ USE ONLY		
Qn. No.	MARKS	EXRS’ IN.
1 – 5		
6 – 10		
11 – 15		
16 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
31 – 32		

SECTION A (40marks)

1. Add $\begin{array}{r} 36 \\ + 22 \\ \hline \end{array}$ (2 marks)

$$\begin{array}{r} 36 \\ + 22 \\ \hline \\ \hline \end{array}$$

2. Describe the shaded part in the venn diagram below. (2 marks)



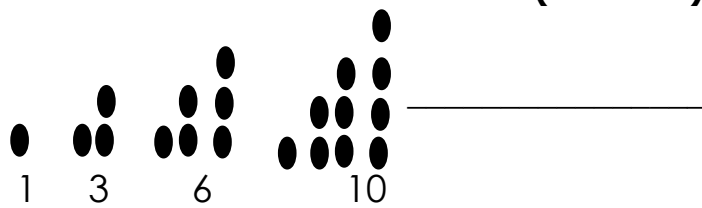
3. Write **2396** in words (2 marks)

4. If represents 5 balls. How many balls can be represented by

? (2 marks)

5. Find the place value of **3** in **365962** (2 marks)

Below is the pattern of triangular number. Use it to answer question no. 6. (2 marks)



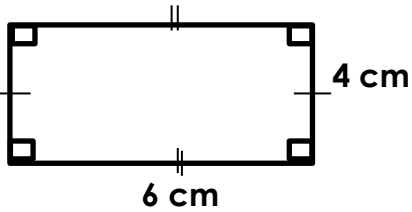
6. Find the next triangular pattern and next number

7. If one book costs **sh.1,000**. Find the cost **5** books at the same rate. (2 marks)

8. Work out $\begin{array}{r} 342 \text{ five} \\ - 31 \text{ five} \\ \hline \end{array}$ (2 marks)

$$\begin{array}{r} 342 \text{ five} \\ - 31 \text{ five} \\ \hline \\ \hline \end{array}$$

9. Find the perimeter of the figure below. **(2 marks)**



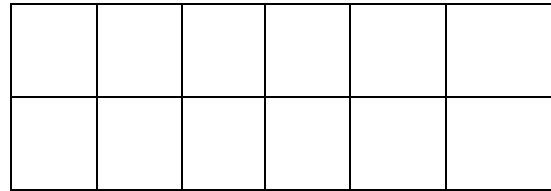
10. Collect like terms and work out
3 eggs + 5 oranges + 9 eggs + 7 oranges
(2 marks)

11. Change 2 hours to minutes
(2 marks)

12. Work out + 6 = 18.
(2marks)

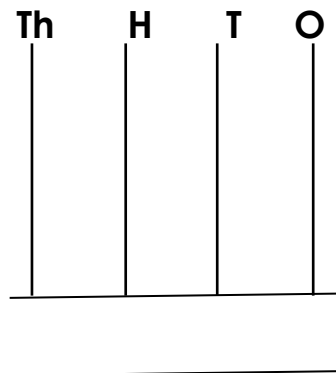
13. Write **49** in Roman numerals
(2 marks)

14. Shade $\frac{2}{3}$ of the diagram below



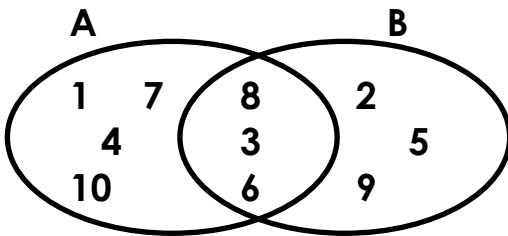
15. Add $\frac{2}{3} + \frac{1}{5}$ **(2 marks)**

16. Show **2369** on the abacus below.
(2 marks)



17. Work out 5×6 using repeated addition
(2 marks)

18. Study the venn diagram and use it to find the $n(A \cup B)$ **(2 marks)**



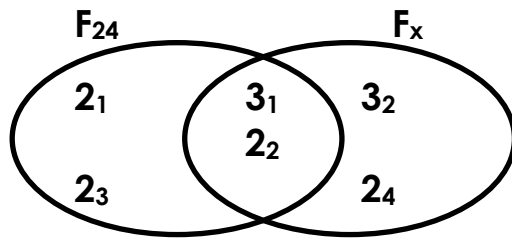
19. Using a ruler, a pencil and a pair of compasses, construct an angle of 90° on the space provided. **(2 marks)**

20. Work out **(2 marks)**

Hrs	minutes
2	25
+ 3	20
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SECTION B

18. Study the venn diagram below and use it to answer questions that follow



i) Find the value of x

ii) Work out the L.C.M of **24** and x

iii) Work out the G.C.F of **24** and x

22. Work out the following

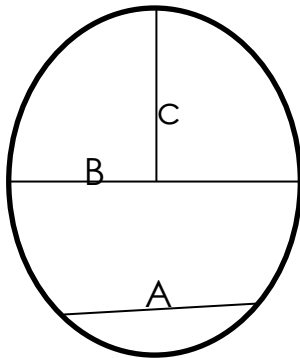
i) $233_{\text{five}} + 33_{\text{five}}$

ii)

$$\begin{array}{r} 344_{\text{five}} \\ - 22_{\text{five}} \\ \hline \\ \hline \end{array}$$

b) Change 422_{five} to base ten.

23. Study the venn diagram below and use it to answer questions that follow.



Name the parts i) A _____

B _____

C _____

b) Find the diameter of the circle if $D = r + r$ and $r = 7\text{cm}$

24. Tr. Patrick went to shopping and bought the following items.

2kg of meat at **shs. 9,000**

3kg of sugar at **shs. 12,000**

1½kg of OMO at **shs.4,500**

a) How much did he spend altogether?

b) 1kg of meat and 1kg of sugar which is more expensive according to the shopping bill above?

c) How much did he spend on the first two items?

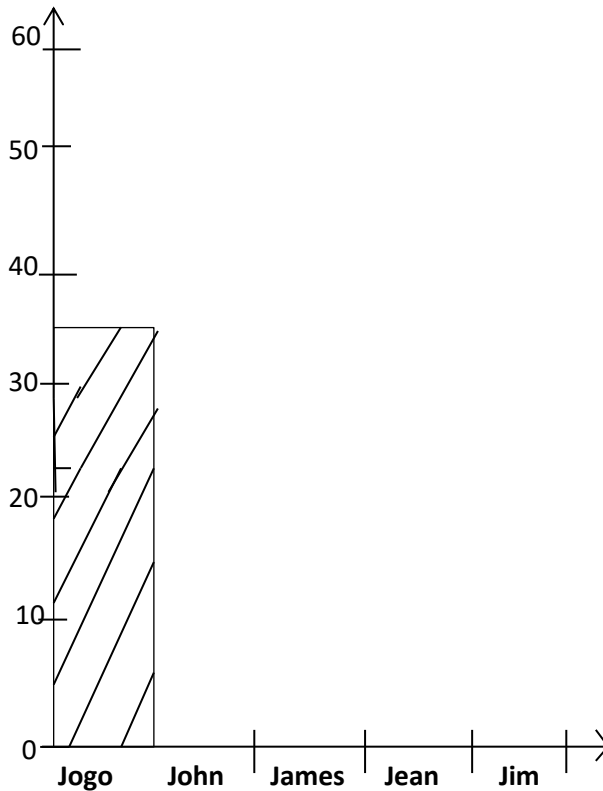
25. Using a ruler, a pencil and a pair of compasses only. Construct a rectangle ABCD in which $\overline{AB} = 6\text{cm}$ and $\overline{BC} = 5\text{cm}$

b) Find the perimeter of the above rectangle.

26. The table below shows marks scored by five children of primary five. Study it and use it to answer questions that follow

Jogo	John	James	Jean	Jim
35	60	25	40	25

a) Complete the bar graph below

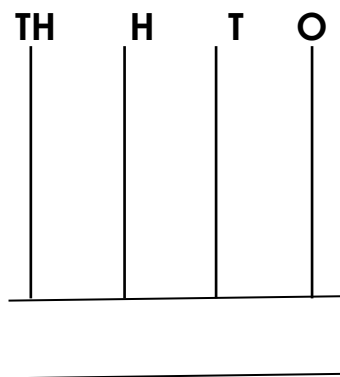


b) How many got the same marks?

27. Use digits **2, 0, 4, 9** and form;
i) The smallest four digit number.

ii) The largest four digit numbers.

c) Show the smallest four digit number on the abacus below.



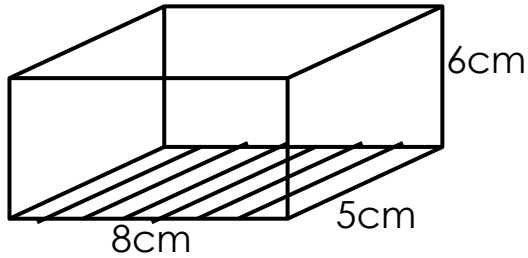
28 a) Change **180** minutes to hours

b) Work out:

i)	Hours	Minutes
	2	23
	+ 3	26
	<hr/>	
	<hr/>	

ii)	Hours	Minutes
	5	44
	- 3	22
	<hr/>	
	<hr/>	

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



b) Find the number of

i) Faces _____

ii) Edges _____

iii) Vertices _____

a) Work out the area of the shaded part

30. Use \times , \div , $+$ or $-$ to complete the statement

$$6 \underline{\hspace{2cm}} 2 = 3$$

$$9 \underline{\hspace{2cm}} 9 = 81$$

$$12 \underline{\hspace{2cm}} 19 = 31$$

$$64 \underline{\hspace{2cm}} 64 = 0$$

31. Find the missing number below

$$\square + 20 = 25$$

$$\frac{\square}{6} = 5$$

$$6 - \square = 4$$

32. a) Change **34**_{five} to base ten

b) Find the place value of each digit in **2234**_{five}

c) Expand **233**_{five} using place values

END