

# SALFAH ISLAMIC DAY & BOARDING PRIMARY SCHOOL

P.5 END OF TERM II INTERNAL EXAMINATIONS - 2023

## MATHEMATICS

Time allowed: 2 hours 30 minutes

Name: \_\_\_\_\_

### SECTION A

1. Subtract:  $324 - 23$

2. Write 99,045 in words.

3. Shade  $\frac{3}{7}$  in the diagram.


4. How many subsets are in set X; if  $X = \{a, b, c\}$ ?

5. The cost of a pencil is sh.350. What is the cost of 6 similar pencils?

6. Find the next number in the sequence below:

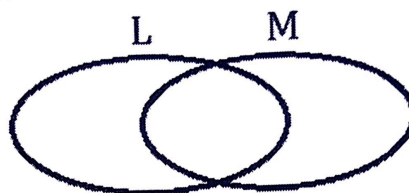
1, 4, 9, 16, 25, \_\_\_\_\_

7. Using a pair of compasses, a ruler only, constructs an angle of  $60^\circ$ .

8. Add:  $\frac{2}{3} + \frac{1}{3}$

9. Write XXVIII in Hindu Arabic numerals.

10. Shade  $L \cap M$  in the diagram below.



11. Convert 13km to metres.

12. Express  $103_{\text{four}}$  to base ten.

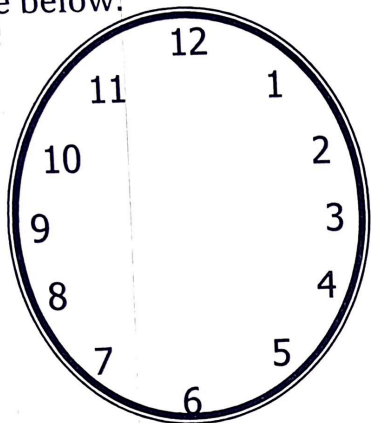
13. Given the numbers; 3, 9, 0, 12 and 6, find their range.

14. How many items are represented by  
|||| ||| || tallies?

5. Find the size of angle marked with letter M in the diagram below.









16. Show a quarter past 12 o'clock on the clock face below.

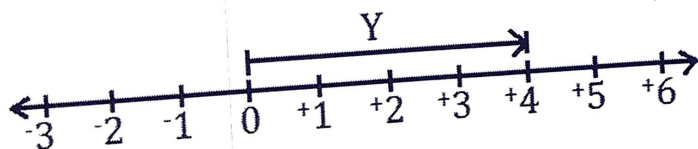


17. Omoding bought a headset at sh.8,800 and later sold it to Otiti making a profit of sh.1,200. How much did he sell it?

18. Solve for y:  $y + 5 = 13$

19. If  represents 6 cups, how many cups are represented by      ?

20. Study the number line below and state the integer shown by arrow Y.



**SECTION B (60 MARKS)**

21. Given that  $a = 4$ ,  $b = 8$ ,  $c = 3$ , evaluate:

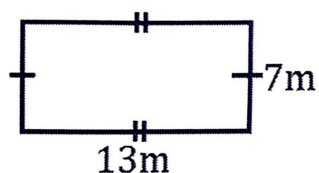
(2mks each)

a)  $a + b + c$

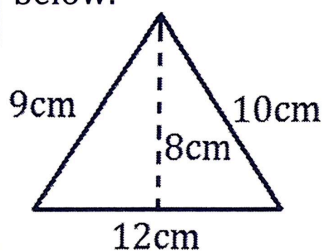
b)  $a - c + b$

c)  $\frac{bc}{a}$

22(a) Calculate the area of the figure below. (2mks)



b) Find the distance round the given figure below. (2mks)



23. Given the digits 6, 3 and 9

a) Form the largest three-digit numeral.

(1mk)

b) What is the smallest 3-digit numeral formed using the above digits?

(1mk)



qs. Complete correctly.

(5mks)

Item	Quantity	Unit cost	Total cost
Radio band	2kg	Sh.2,500	Sh.
Bread	3 loaves	Sh.2,000	Sh.
Tea leaves	2kg	Sh.3,000	Sh.
Sugar	2kg	Sh.3,600	Sh.
<b>Total expenditure</b>			Sh.

25(a) A cyclist rode at a speed of 28km per hour for 3 hours. What distance did he cover?  
(2mks)

b) A football match started at 5:00pm and ended at 6:50pm. For how long did it last?  
(2mks)

c) The distance from Kampala to Lira is 360km. How long will Ochora take to travel from Kampala to Lira at a speed of 90km/hr?  
(2mks)

b(a) WORK OUT:

(2mks)

3 1 2 five

+ 3 4 five

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b) Find the place value of 2 in 234<sub>five</sub>.  
(2mks)

c) Find the value of 3 in 134<sub>five</sub>. (2mks)

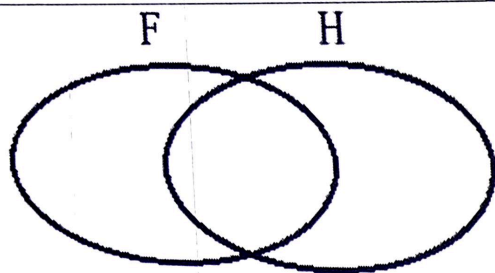
27. In a class of 60 pupils,  $\frac{1}{3}$  of them are girls and the rest are boys.  
a) Work out the fraction of boys.

(1mk)

b) How many girls are in the class? (2mks)

c) How many more boys are there in the class than the girls? (2mks)

28. Given that set  $F = \{0, 2, 4, 6, 8, 10, 12\}$   $H = \{4, 6, 8, 9, 10, 12, 14, 15\}$   
a) Use the above information to complete the Venn diagram below. (2mks)



b) Find the members of set H compliment. (1mk)

c) Find  $n(F \cup H)$  (2mks)

29. Given the numeral 4,698;

a) Write the numeral in expanded form using powers of 10. (1mk)

b) Write the above numeral in words. (1mk)

c) Find the sum of the value of 4 and the value of 9 in the number above. (3mks)

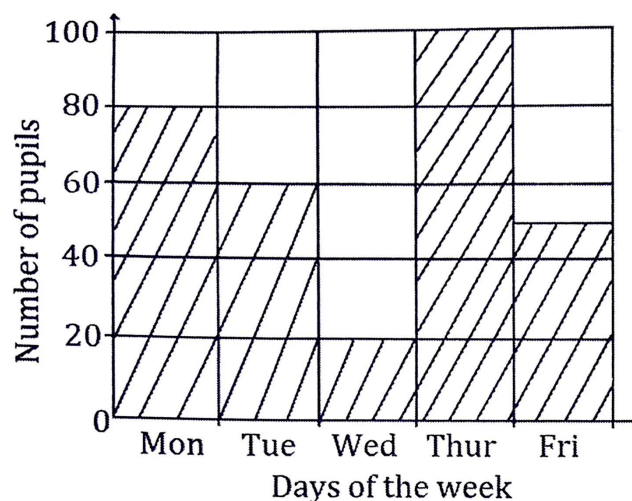
30. Kato made 8369 bricks on Monday, 8300 on Tuesday and 903 on Wednesday.

a) How many bricks were made in the three days? (2mks)

b) Simplify  $7 - 9 + 3$  (2mks)

(2mk)

1. The bar graph shows the number of pupils who were present in P.5 in five days.



a) On which day was the least number of attendance? (1mk)

b) How many pupils were absent on Monday? (2mks)

c) Find the average attendance of the week. (2mks)

32(a) Using a pencil, a pair of compasses and a ruler only, construct a regular hexagon of radius 3cm. (4mks)

b) Calculate the perimeter of the hexagon drawn. (2mks)