

THE SIPRO MID - TERM III EXAMINATIONS 2024

SUBJECT : MATHEMATICS
CLASS : PRIMARY FOUR
DURATION : 2 hours 30 minutes

Name : _____
School : _____
District : _____

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: **A** and **B**.
2. Section **A** has **20** questions (**40 Marks**).
3. Section **B** has **12** questions (**60 Marks**).
4. Attempt all questions in both sections. All answers to both sections **A** and **B**, must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary **alteration** of work will lead to loss of marks.
7. Any **handwriting** that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated: **"FOR EXAMINER'S USE ONLY"**

For Examiner's Use Only;

PAGES	MARKS	INITIALS
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Total		

Please turn over

Attempt **all** questions in this section.
Questions 1 to 20 carry **two** marks each.

1. Name the **figure** drawn below.



2. Given that **set A** = {a, b, c, d} and **set R** = {c, a, r, d}. Find set A ∩ R.

3. Find the **next** two numbers in the sequence below:
3, 6, 9, 12, _____, _____

4. Fill in the missing number:

$$\boxed{} \div 5 = 2$$

5. Work out the next two **equivalent** fractions of $\frac{1}{3}$.

6. **Work out:**

kg	g
4	100
+ 2	050
<hr/>	
<hr/>	

7. Write in **short** form:
 $700 + 70 + 7$


8. **Multiply:**

532
x 3
<hr/>
<hr/>

9. How many **sh. 500** coins can be got from a **sh. 5,000** note?



10. **Work out:**

weeks	days
3	5
+ 2	4
<hr/>	
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11. Draw pictos to represent 20 balls if  represents 5 balls.

12. Use >, < or = to complete

$$\frac{2}{3} \quad \frac{1}{3}$$

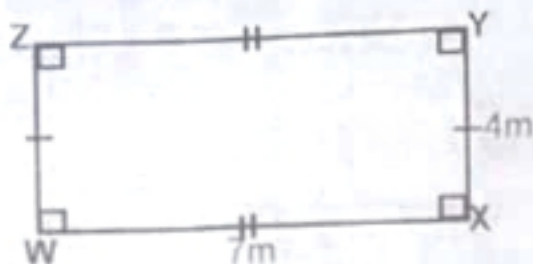
13.	Given that set A = {t, i, n} and set W = {1, 2, 3}. What is the relationship between set A and set W ?	14.	Name the solid figure drawn below.  _____
15.	List all the first three odd numbers.	16.	Write in short form : $3m + 5m + m$
17.	Find the area of the figure below. 	18.	Change 28 into Roman numerals.
19.	Draw tallies to represent 18 .	20.	Mr. Katende bought 7 exercise books at sh. 14,000 . How much money did he pay for each book?

SECTION B: 60 MARKS

Attempt all questions in this section.

Marks for each part of the question are indicated in the brackets.

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



a) Draw a diagonal line **WY** on the figure above. (01 mark)

b) Calculate the area of the above figure. (02 marks)

c) Work out the total distance round the figure above. (02 marks)

22a) Change $3\frac{1}{2}$ into an improper fraction. (02 marks)

b) Express $\frac{9}{2}$ into a mixed number. (02 marks)

23a) Mr Wambuzi bought a cow at a certain amount of money and he later sold it to Mr Kiwanuka at sh. 500 000 making a profit of sh. 100 000. How much did Mr. Wambuzi buy the cow? (02 marks)

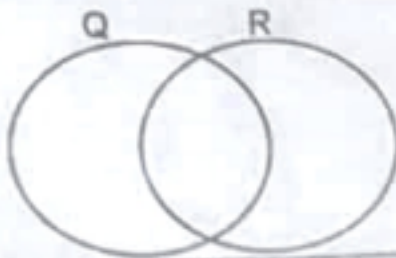
b) Work out: sh. 3000 (02 marks)

$$\begin{array}{r} \times \quad 2 \\ \hline \\ \hline \end{array}$$

24.

Given that set $Q = \{\triangle, \bigcirc, \square, \nabla\}$ and set $R = \{\bigcirc, \square, \triangle, \nabla\}$

a) Represent the above information on the venn diagram below. (03 marks)



b)

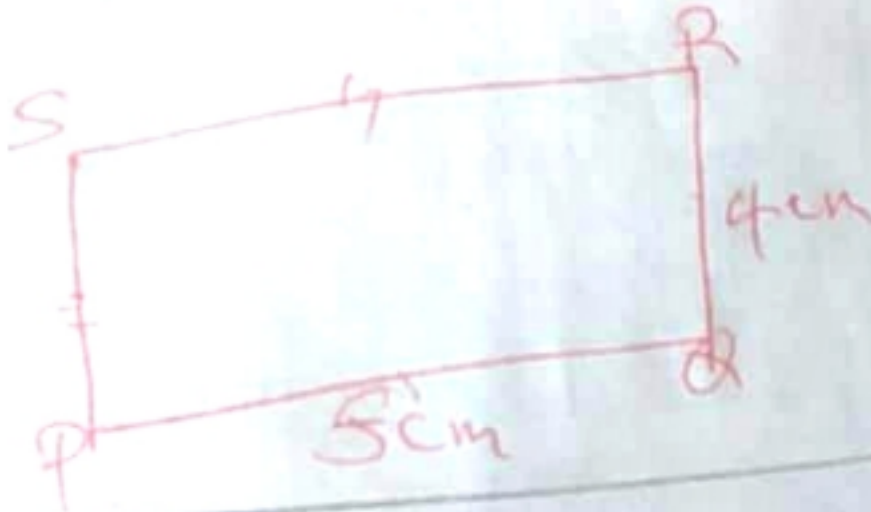
List the members of set $Q \cap R$.
(01 mark)

c)

How many elements are in set Q union set R ?
(02 marks)

25.

Using a ruler, a pencil and a protractor only, draw a rectangle PQRS where line $PQ = 5\text{cm}$ and $QR = 4\text{cm}$ (04 marks)



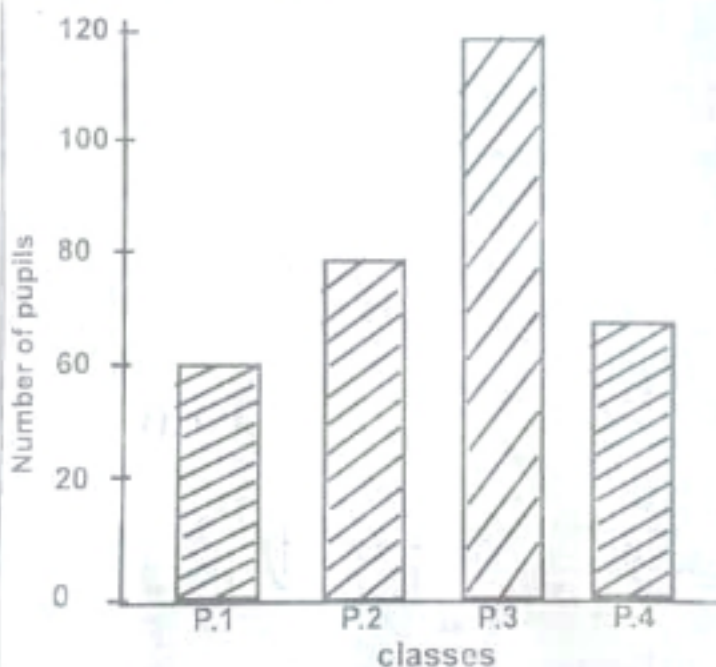
26a) Expand 324 using values.



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- b) Dr. Diana bought **XXXVIII** vaccines for Katwe Football Club and she also bought **XIX** vaccines for Odwol Football Club. Find the total number of vaccines bought in Hindu-Arabic numerals. (04 marks)

27. The bar graph below shows the number of pupils who were present at Elite Kings Junior School. Study it carefully and use it to answer the questions that follow.



- a) How many pupils were present in primary two? (02 marks)



- b) How many pupils were **present** in primary **one** and primary **three** altogether? (02 marks)
- c) If the whole class had 150 pupils, how many pupils were **absent** in primary three? (02 marks)

28a) **Add:**
$$\begin{array}{r} 45789 \\ + 2325 \\ \hline \end{array}$$
 (02 marks)

- b) Otiimu had **1472** mangoes and Habibah had **twice** the mangoes for Otiimu. How many mangoes did they have **altogether**? (02 marks)

29. The time table below is for P.4 of a certain school. Study and use it to answer the questions that follow.

Days	8:30am	9:10am	9:50am	10:30am	11:00am	11:40am	12:20pm
	9:10am	9:50am	10:30am	11:00am	11:40am	12:20pm	1:00pm
Mon.	MTC	SCI	ENG	88	SST	MTC	ENG
Tue.	ENG	P.E	MTC	70	SCI	SST	RE
Wed.	SCI	MTC	P.E	70	SST	ENG	CAPE3
Thu.	MTC	ENG	SCI	70	SST	MTC	RE
Fri.	ENG	MTC	P.E	70	SCI	SST	MTC

- a) How many **mathematics** lessons has the timetable above? (02 marks)



