

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



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| Simplified Learning Today

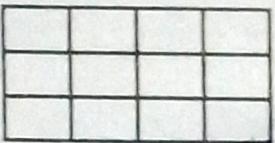
SECTION A: 40 MARKS

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 AUR.
3.	Find the next two numbers in the sequence below. 3, 6, 9, 12, _____, _____	4.	Fill in the missing number. $\boxed{\quad} \div 5 = 2$
5.	Work out the next two equivalent fractions of $\frac{1}{3}$.	6.	Work out kg g $ \begin{array}{r} 4 & 100 \\ + 2 & 050 \\ \hline \end{array} $
7.	Write in short form. 700 + 70 + 7	8.	Multiply 5 3 2 $ \begin{array}{r} \times 3 \\ \hline \end{array} $
9.	How many sh. 500 coins can be got from a sh. 5,000 note?	10.	Work out: weeks days $ \begin{array}{r} 3 \\ + 2 \\ \hline \end{array} $
11.	Draw pictos to represent 20 balls if  represents 5 balls.	12.	Use >, < or = to complete: $ \begin{array}{r} 2 \\ 3 \end{array} \quad \begin{array}{r} 1 \\ 3 \end{array} $



13.	Given that set A = {l, l, 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?

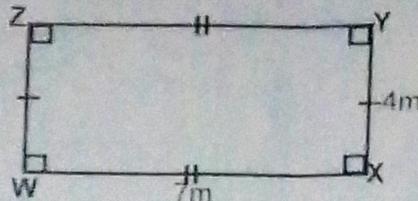


SECTION B: 60 MARKS

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)

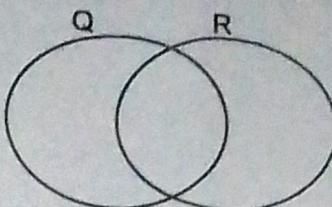
$$\begin{array}{r} \times \\ 2 \\ \hline \end{array}$$



24.

Given that set $Q = \{\triangle, O, \square, \Delta\}$ and set $R = \{O, \square, \triangle, \Delta\}$

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) |
|----|---|----|---|

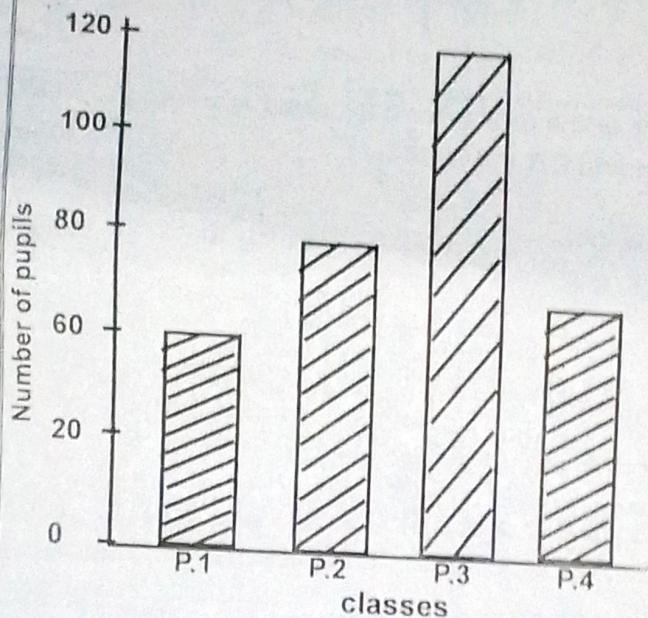
25. Using a ruler, a pencil and a protractor only, draw a rectangle PQRS where line $PQ = 5\text{cm}$ and $QR = 4\text{cm}$ (04 marks)

- 26a) Expand 324 using values. (02 marks)



- 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.																																																										
	<table border="1"> <thead> <tr> <th>Days</th> <th>8:30am</th> <th>9:10am</th> <th>9:50am</th> <th>10:30am</th> <th>11:00am</th> <th>11:40am</th> <th>12:20pm</th> </tr> <tr> <th></th> <th>9:10am</th> <th>9:50am</th> <th>10:30am</th> <th>11:00am</th> <th>11:40am</th> <th>12:20pm</th> <th>1:00pm</th> </tr> </thead> <tbody> <tr> <td>Mon.</td> <td>MTC</td> <td>SCI</td> <td>ENG</td> <td>PE</td> <td>SST</td> <td>MTC</td> <td>ENG</td> </tr> <tr> <td>Tue.</td> <td>ENG</td> <td>PE</td> <td>MTC</td> <td>SCI</td> <td>SST</td> <td>RE</td> <td></td> </tr> <tr> <td>Wed.</td> <td>SCI</td> <td>MTC</td> <td>PE</td> <td>ENG</td> <td>SST</td> <td>ENG</td> <td>CAPE3</td> </tr> <tr> <td>Thu.</td> <td>MTC</td> <td>ENG</td> <td>SCI</td> <td>PE</td> <td>SST</td> <td>MTC</td> <td>RE</td> </tr> <tr> <td>Fri.</td> <td>ENG</td> <td>MTC</td> <td>PE</td> <td>SCI</td> <td>SST</td> <td>MTC</td> <td></td> </tr> </tbody> </table>	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	PE	SST	MTC	ENG	Tue.	ENG	PE	MTC	SCI	SST	RE		Wed.	SCI	MTC	PE	ENG	SST	ENG	CAPE3	Thu.	MTC	ENG	SCI	PE	SST	MTC	RE	Fri.	ENG	MTC	PE	SCI	SST	MTC			
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a)	How many mathematics lessons has the timetable above? (02 marks)																																																										



b) For how long does the P.E lesson take? (02 marks)

c) Find the length of break time (02 marks)

30a) Find the missing number.

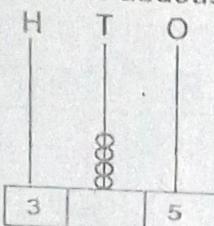
$$\boxed{\quad} + 5 = 45 \quad (02 \text{ marks})$$

b) Oscar had 124 apples and his father removed 17 apples from him. How many apples does he have now? (02 marks)

31 The sum of the value in the table below are the same diagonally, horizontally and vertically. Fill in the missing numbers. (05 marks)

11		9
	8	
7		5

32a) Complete the abacus below.



(03 marks)

b) Expand the above number using values (02 marks)

c) Write 345 in words. (01 mark)

