

THE SIPRO MID - TERM II EXAMINATIONS 2023

SUBJECT : MATHEMATICS

CLASS : PRIMARY FIVE

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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SECTION: 40 MARKSAttempt **all** questions in this sectionQuestions 1 to 20 carry **two** marks each

1.

Name the **shape**:

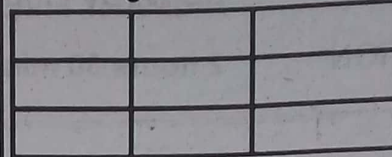
2.

Solve for b: $\frac{b}{2} = 13$

3.

Express **53** as Roman Numerals

4.

Shade $\frac{2}{3}$ of the diagram

5.

Calculate the **area** of a square of side 8m.

6.

Find the **sum** of the third and fifth **odd** numbers.

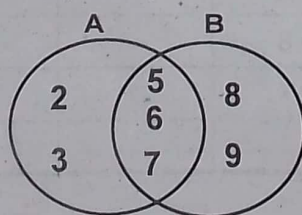
7.

Draw an intersection symbol in the space provided.

8.

Work out the **product** of 123 and 4.

9.

Find the number of elements in set **(A - B)**.

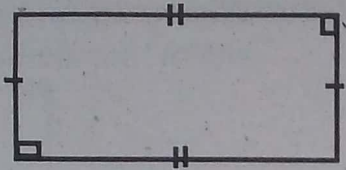
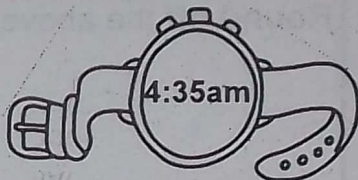
10.

Work out the **H.C.F** of 8 and 12.

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11.	Draw tally symbols to represent 19 .	12.	Tibara had sh. 4700 and Mukiibi had also sh. 6500 . Find the sum of money the two had.
13.	Draw all the missing right angles in the rectangle below. 	14	Work out: weeks days <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> 6 - 2 ----- </div> <div style="text-align: center;"> 2 5 ----- </div> </div>
15.	Change 104_{five} to base ten.	16.	Tell the morning time shown on the clock face.  It is _____ minutes to _____ o'clock in the morning.
17.	A school truck had 24 litres 800 ml. The driver fuelled more 15 litres 600ml. Work out the sum of the fuel after fuelling.	18.	3 books cost sh. 2700 . Find the cost of a book at the same rate.
19.	What is $\frac{3}{4}$ of 36 ?	20.	Write in short form : 12 huts + a hut - 10 huts



SECTION B: 60 MARKS

Attempt **all** questions in this section.

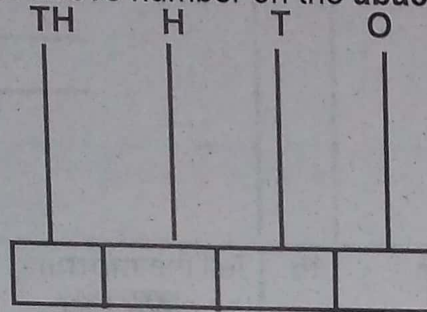
Marks for **each part** of the question are indicated in the brackets

21. Given that: $3000 + 500 + 70 + 4$

a) Find the number that was **expanded**.

(02Marks)

b) Show the above number on the **abacus**.

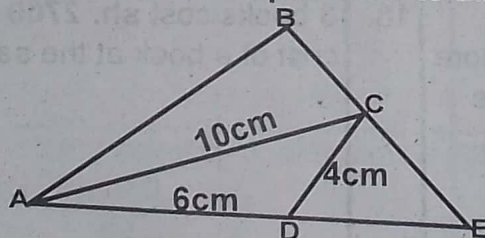


(02marks)

c) **Round off** the above number in "a" to the nearest **hundreds**.

(02Marks)

22. Use the drawn shape below to answer the questions that follow.



a) How many **triangles** has the diagram?

(02Marks)

b) Draw **a line segment AD** accurately in the space below.

(02Marks)



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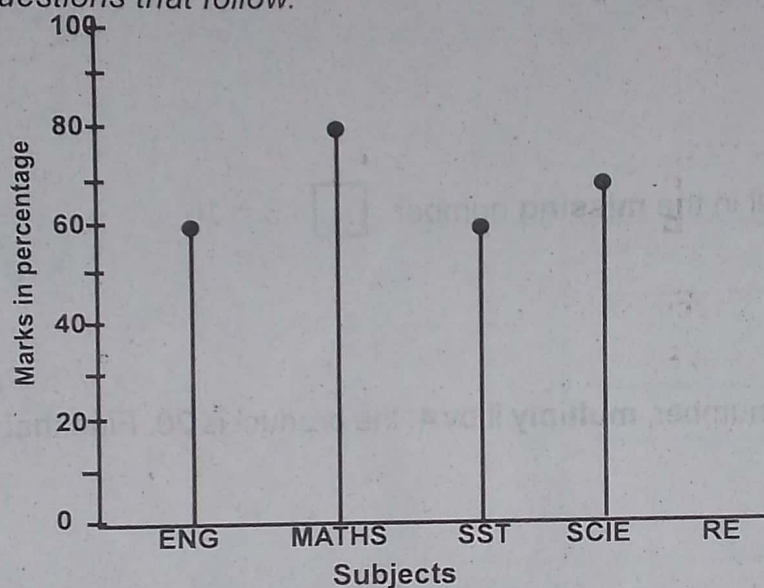
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23 a) Find the **next** number in the sequence.
12, 15, 17, 20, 22, _____ (02Marks)

b) Work out the **square** of 36.

(02Marks)

24. The graph below shows marks scored by John in Beginning of term one Examinations 2023. Study and use it to answer the questions that follow.



a) Which **subject** did John score **80%**?

(01Mark)

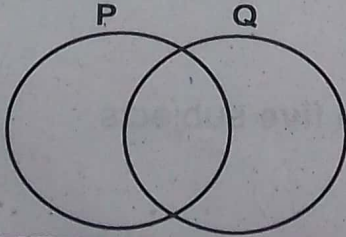
b) If John scored **50%** in Religious Education (RE), draw **a line** on the graph to represent his **score**.

(02Marks)

c) **Work out** his total marks in the **five** subjects.

(02Marks)



25. a)	Name the feature on a five thousand shilling note.
b)	A trader sold a belt at sh. 40,000 and made a profit of sh. 5000 . How much did he buy the belt?
26 a)	Solve for h : $h + 2 = 9$
b)	Find and fill in the missing number. $\square - 3 = 10$
c)	I think of a number, multiply it by 4 , the product is 20. Find that number.
27	<p>Given that: Set P = {2, 3, 5, 6, 7} Set Q = {4, 6, 7, 9}</p> <p>a) Represent the above sets in the venn diagram below.</p> 



b)	Find set (P U Q)																
(02 Marks)																	
28 a)	Given the number 2 3. 9 4, state the place value of 9 and 4 .																
(02 Marks)																	
b)	Find the value of 9 in the above number.																
(02 Marks)																	
29. a)	Change 240 minutes into hours.	<table border="1"> <tr> <td data-bbox="798 1243 869 1400">b)</td> <td data-bbox="869 1243 1093 1400">Years</td> <td data-bbox="1093 1243 1396 1400">Months</td> </tr> <tr> <td></td> <td>4</td> <td>7</td> </tr> <tr> <td></td> <td>- 2</td> <td>9</td> </tr> <tr> <td></td> <td colspan="2"><hr/></td> </tr> <tr> <td></td> <td colspan="2"><hr/></td> </tr> </table>	b)	Years	Months		4	7		- 2	9		<hr/>			<hr/>	
b)	Years	Months															
	4	7															
	- 2	9															
	<hr/>																
	<hr/>																
(02 Marks)		(02 Marks)															
c)	How many days are in 72 hours ?																
(02marks)																	
30. a)	Use a ruler, a pencil and a pair of compasses only to construct a square of sides 5cm.																
(04marks)																	



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b)	Calculate its area.
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(02marks)

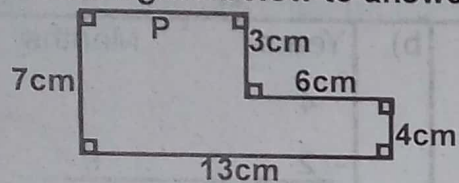
31. a)	Work out: $13 - 12 + 8$
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b)	Divide 666 by 9.
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(02marks)

(02marks)

32. Use the figure below to answer the questions that follow.



a) Find the value of P .

(02marks)

b) Calculate the **distance** round the figure.

b)	Work out its area .
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(02marks)

(02marks)



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