

# THE SIPRO MID - TERM I 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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PUBLISHERS OF THE SIPRO TEACHERS' GUIDES, LEARNER'S WORKBOOKS & PUPIL'S COMPANIONS

**SECTION: 40 MARKS**

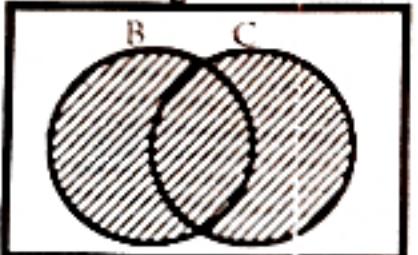
Attempt all questions in this section

Questions 1 to 20 carry two marks each

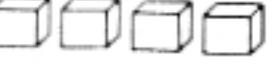
1.	Work out: $\frac{2}{7} + \frac{1}{7}$	2.	Given sets: B = {0, 1, 2, 3, 4} C = {1, 3, 5, 7}. Find elements of set $B \cap C$ .
3.	Work out: $\begin{array}{r} 432 \\ + 157 \\ \hline \end{array}$	4.	Use a ruler, a pencil and a pair of compasses only, draw a line segment AB of 6cm.
5.	Find the next number in the sequence. 2, 5, 8, 11, _____	6.	How much will four books cost if a book costs sh:600?
7.	Find the number represented by the tallies. 	8.	Calculate the LCM of 4 and 6
9.	Gift has sh 20,000. Find the number of notes she has if each note is sh 5000.	10.	Change 2 litres to millilitres

11.	<p><b>Solve for K:</b>  <math>K - 4 = 10</math></p>	<p><b>Tell the morning time shown on the clock face.</b></p> 
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13.	<p><b>Write XXVII in Hindu-Arabic numerals.</b></p>	<p><b>Shade <math>\frac{3}{5}</math> of</b></p> 
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15.	<p><b>Describe the shaded region in the venn diagram.</b></p> 	<p><b>A primary teacher of Primary Five was given 8 dozen of books. How many books did each pupil get if the class has 24 pupils?</b></p>
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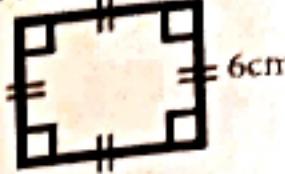
17.	<p><b>Draw a rectangle with all its features.</b></p>	<p><b>Work out: hours      minutes</b></p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">9</td><td style="text-align: left;">40</td></tr> <tr> <td style="text-align: right;">- 7</td><td style="text-align: left;">50</td></tr> <tr> <td colspan="2" style="text-align: center;">_____</td></tr> </table>	9	40	- 7	50	_____	
9	40							
- 7	50							
_____								

19.	<p><b>Find the number whose expanded form is given;</b>  <math>(7 \times 1000) + (2 \times 100) + (5 \times 10) + (9 \times 1)</math></p>	<p><b>If  stands for 7 boxes, find the number of boxes in</b></p> 
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**SECTION B: 60 MARKS**

Attempt all questions in this section.

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

21.a)	<p><b>Work out:</b> kg gm</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">4</td><td style="text-align: center;">520</td></tr> <tr> <td style="text-align: right;"><u>+ 3</u></td><td style="text-align: center;"><u>470</u></td></tr> <tr> <td colspan="2" style="text-align: center;">_____</td></tr> </table>	4	520	<u>+ 3</u>	<u>470</u>	_____		<p><b>Find the area of the square</b></p>  <p>(02Marks)</p>
4	520							
<u>+ 3</u>	<u>470</u>							
_____								
22	<p>a) Find the missing number.</p> <p><math>\square + 4 = 10</math></p>	<p>b) <math>\square \times 3 = 18</math></p>						
c)	<p><b>Work out;</b> 4pens + 7pens.</p>	<p>(02Marks)</p>						
23 a)	<p>Find the number of halves in 4 oranges.</p>	<p>b) <b>Work out:</b> <math>\frac{2}{3} \times 18</math></p> <p>(02Marks)</p> <p>(03Marks)</p>						

Use the shopping list to answer the questions that follow.

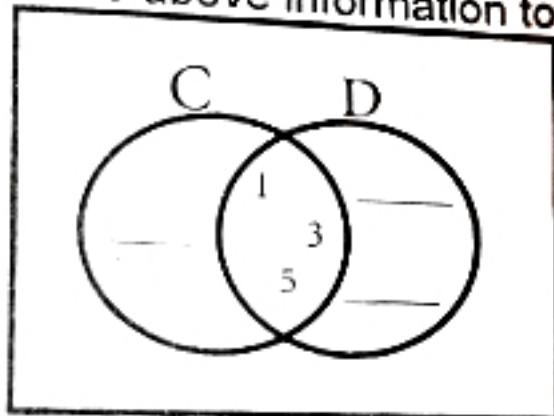
Item	Unit price
Sugar	sh: 5000 per kg
Rice	sh: 5000 every kg
Bread	sh: 6000 a loaf

a) Work out the cost of 3kg of rice at the same rate

b) Find the total cost of 3kg of sugar and 2 loaves of bread. (02marks)

25. Set C= {1, 3, 5, 7} and Set D={1, 2, 3, 4, 5}. (03marks)

a) Use the above information to complete correctly.



(02Marks)

b) Find  $n(C - D)$

c) List members of set CUD.

(02Marks)

(02Marks)

**Change 120 minutes to hours.**

b)

**How many hours are between  
8:10am to 11:10am?**

(02Marks)

(02Marks)

3.) Which subject teacher was given three hundred thousand shillings?

c) How much did the Director give out altogether?

29. a) Subtract 472 from 928. (02Marks)

(02Marks)

b) On a farm of 272 cattle , 47 are bulls and the remaining are cows. Find the number of cows on the farm.

(02Marks)

30. a) Use a ruler, a pencil and a pair of compasses only, construct a square ABCD of side 6cm.

(02Marks)

b) Find its perimeter. (04marks)

(02marks)

31. a) In the given number 2735, Find the sum of value of 7 and the value of 3.

b) Represent the number in (a) above on the abacus.

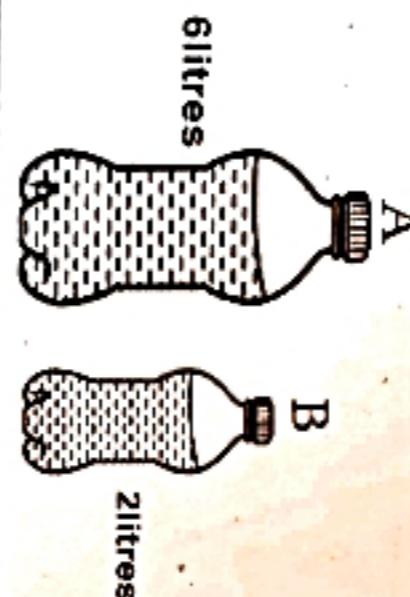
TH      H      T      O

32.

Study the two bottles and answer the questions that follow.

(03marks)

(02marks)



a) How many bottles of size B can fill bottle A?

b) How many quarter litre bottles are in bottle A?

(02marks)

(02marks)

