

THE SIPRO END OF TERM I 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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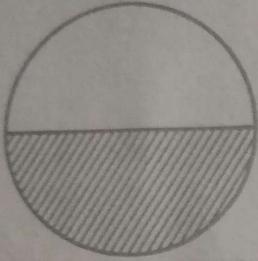
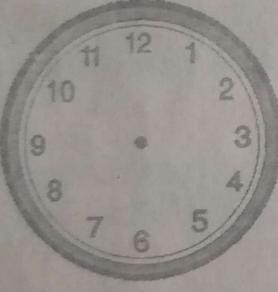
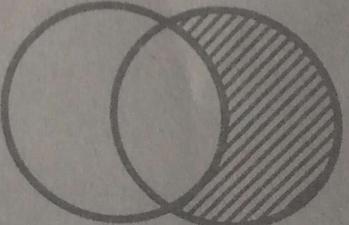
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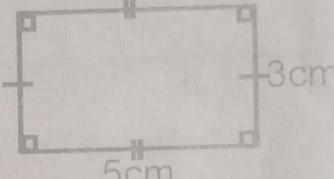
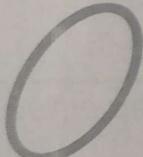
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SECTION A: 40 MARKS

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

1.	Work out: $8 \div 4 =$	2.	How many coins of sh. 500 are in sh. 2,000?
3.	What fraction is unshaded? 	4.	Given that set $W = \{3, 4, 7, 8\}$ and $Z = \{4, 7, 0, 3\}$. Find set $W \cap Z$.
5.	Show a quarter past 4 o'clock. 	6.	If  represents 9 birds, how many birds are represented by  ?
7.	Mukisa bought 17,000g of maize flour. How many kg did he buy?	8.	Fill in the missing number $\boxed{} + 4 = 16$.
9.	Complete the sequence correctly: 28, 27, 25, 22, _____	10.	Describe the shaded region. 

11.	In the space below, draw a square.	12.	Shade <u>4</u> of the figure. 10												
13.	List the even numbers between 10 and 20 .	14.	Find the value of 9 in 7904 .												
15.	Work out: Hours minutes <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">4</td> <td style="text-align: center;">10</td> </tr> <tr> <td style="text-align: right;">-</td> <td style="text-align: center;">2</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; border-bottom: 3px double black;"></td> </tr> <tr> <td colspan="2"></td> </tr> </table>	4	10	-	2					16.	Find the perimeter of the figure below. 				
4	10														
-	2														
17.	Name the figure below. 														
18.	Samson had sh. 1000. If he bought a pen at sh. 600, what was his change?														
19.	Draw tallies representing 13.	20.	Work out: <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">4</td> <td style="text-align: center;">0</td> <td style="text-align: left;">6</td> </tr> <tr> <td style="text-align: right;">x</td> <td style="text-align: center;">3</td> <td style="text-align: left;"></td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; border-bottom: 3px double black;"></td> </tr> <tr> <td colspan="3"></td> </tr> </table>	4	0	6	x	3							
4	0	6													
x	3														

SECTION B: 60 MARKS

Attempt all questions in this section.

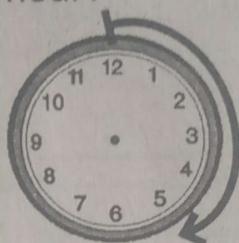
Marks for each part of the question are indicated in the brackets.

- 21.(a) A motorist travelled for 2 hours from Kampala to Jinja. Express the time in minutes. (02 marks)

(b) Add: weeks days

4	2	(02 marks)
- 3	3	

- (c) How many minutes are past the hour? (01 mark)



22. Find and fill in the missing number.

(a) $\boxed{\quad} \times 4 = 24$. (02 marks)

(b) $12 \div \boxed{\quad} = 4$. (02 marks)

- (c) Ssempijja had litres of milk. He sold 12 of them and remained with 15 litres. How many litres did he have? (02 marks)

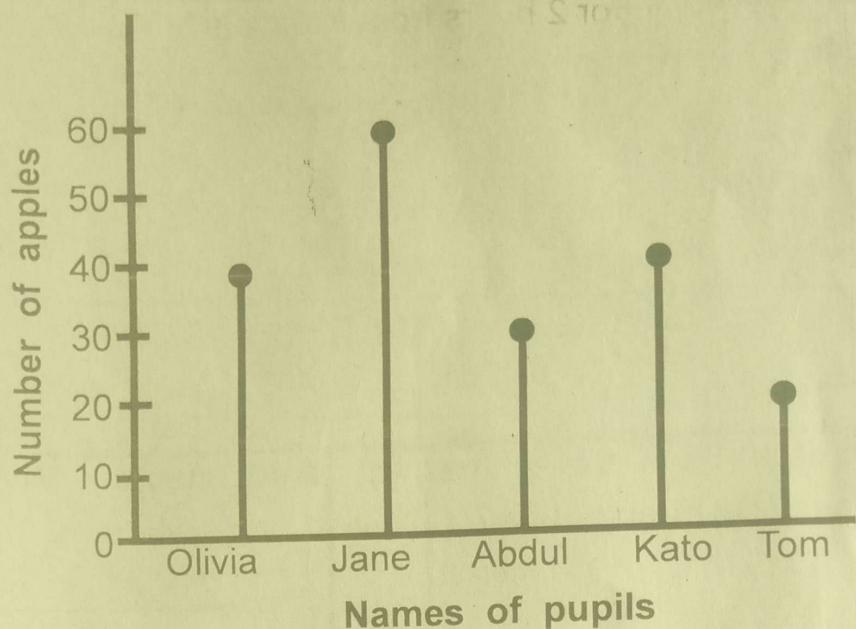
23. a) Round off 258 to the nearest tens. (02 marks)

- (b) Match correctly. (03 marks)

8	IX
14	V
9	VIII
5	XIV

24.

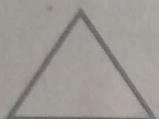
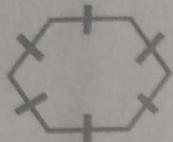
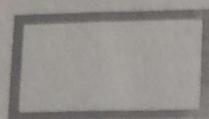
The graph below shows the number of apples harvested by different pupils on Thursday. Study and use it to answer the questions that follow.



- (a) What name is given to the above graph? (01 mark)
- (b) How many apples were harvested by Abdul? (02 marks)
- (c) Which two pupils had the same harvest? (02 marks)
- (d) How many apples were harvested by Tom, Jane and Olivia? (02 marks)

25.
(e)

Match correctly.
Shapes



6

3

4

(06 marks)

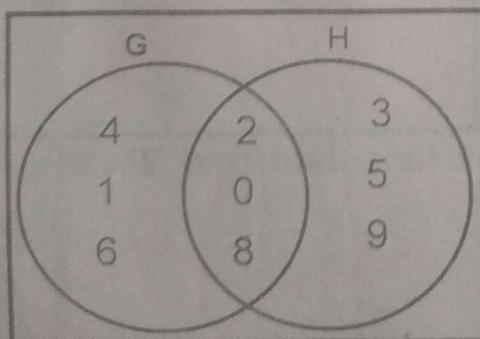
Number of sides

26.(a)	How many days are in the months of April and June? (02 marks)	(b)	Add: Hours Mins 4 37 + 2 13 _____	(02 marks)
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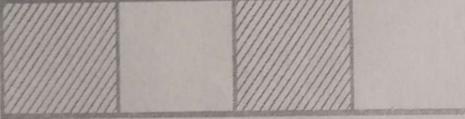
(c)	What is the time on the clock face?	(02 marks)
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27.	Use the Venn diagram below to answer the questions that follow.	
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(a)	List the members of set H.	(01 mark)
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(b)	How many members are in set GUH? (02 marks)	(c)	List all the members of GUH. (02 marks)
28.a)	Use $>$ or $<$ or $=$ to complete correctly: 5 <input type="text"/> 9 8 8		(01 mark)
(b)	Name the shaded fraction. (01 mark)	(c)	Write $\frac{7}{10}$ in words. (02 marks)
			
29.a)	Work out: Sh. 5,000 x 4 <hr/>	(b)	Name the feature found on a note of two thousand shillings. (02 marks)
(c)	Catherine had 2 coins of sh. 1,000 and 3 coins of sh. 200. How much money did she have altogether?		(02 marks)



30.(a)	List all the odd numbers less than 10. (02 marks)	(b)	Find the sum of even numbers between 3 and 11. (02 marks)
31.(a)	Work out: (02 marks) $ \begin{array}{r} 5 & 6 & 7 & 3 \\ - & 1 & 4 & 8 & 9 \\ \hline & & & & \end{array} $ $ \begin{array}{r} & & & \\ & & & \\ \hline & & & \end{array} $	(b)	Divide: $\underline{2} \overline{)7\ 8}$ (02 marks)
32.(a)	Arrange the fractions $\frac{3}{7}$, $\frac{1}{7}$, and $\frac{4}{7}$ from the smallest to the biggest. (02 marks)		
(b)	Add: $\underline{6} + \underline{5}$ $\underline{17} \quad \underline{17}$ (02 marks)		

THE SIPRO PRIMARY FOUR END OF TERM I MATHEMATICS MARKING GUIDE - 2024

NO	LEVEL	SOLUTION	AWARD	REASON	COMMENT
1.	P.1	$8 \div 4 = 2$	B ₂	For the answer	Expose learners to mental work.
2.	P.4	sh. 2,000 sh. 500 = 4 coins	M ₁ A ₁ B ₂	For the method For the answer For the answer	Help learners to identify the coins and paper notes.
3.	P.4	a half or $\frac{1}{2}$	B ₂	For the answer	Help learners to identify fractions.
4.	P.4	Set W = {3, 4, 7, 8} Set Z = {4, 7, 0, 3} Set W ∩ Z = {4, 3, 7}	B ₁ B ₁ B ₁	For identifying the common number. For set W ∩ Z	Emphasise the commas when listing the members
5.	P.3		B ₁ B ₁	For the correct hour For correct minute hand	Use real clock face and help learners to count the minutes.
6.	P.3	1 bird rep 9 birds 3 birds rep [3x 9]birds 27 birds	M ₁ A ₁	For the method For the answer	Accept repeated addition.
7.	P.4	1000g = 1kg 1g = 1kg 17000g = <u>1</u> x 17 <u>000</u> kg <u>1000</u> = 17kg	M ₁ A ₁	For the method For the answer	Make a review on metric conversion
8.	P.2	$\square + 4 = 16$ $\square = 16 - 4$ $\square = 12$	M ₁ A ₁	For the method For the answer	Expose learners to opposites of different operations.
9.	P.3		M ₁ A ₁	For the method For the answer	Recite counting numbers in ascending order.
10.	P.4	Set F only Set F - E	B ₂	For the answer	Make a review on set description.
11.	P.2		B ₂	For the answer	Revisit naming and drawing of both plane and solid shapes.
12.	P.4		B ₂	For the answer	Emphasize equivalent fractions.
13.	P.4	{12, 14, 16, 18}	B ₂	For the answer	Recite types of numbers
14.	P.3	TH H T O 7 9 0 4 ↓ = 9 x 100 = 900	B ₂	For the answer	Make a review on values and place values.
15.	P.4	Hours min 1h = 60min 10 60 + 10 = 70min <u>3</u> <u>2</u> 1 50	B ₂	For the answer	Operate and regroup where applicable.
16.	P.4		M ₁ A ₁	For the method For the answer	Help learners on how to find perimeter of different figures.
17.	P.3	It is an oval	M ₁	For the correct answer	Expose learners to different figures.
18.	P.3	sh. 1,000 - sh. 600 sh. 400	M ₁ A ₁	For the method For the answer	Assist learners on how to find change when buying an item.
19.	P.4	13 = 2 groups of fives 5 5 13 10 3 ones	M ₁ A ₁	For the method For the answer	Accept on sight and award B ₂
20.	P.3	$\begin{array}{r} 4 & 0 & 6 \\ \times & 3 \\ \hline 1 & 2 & 1 & 8 \end{array}$	B ₁ B ₁	For regrouping For 1218	Operate duration of and regroup where applicable.
SECTION B					
21.	P.4 a)	1hour = 60min 2hours = $2 \times 60\text{min}$ = 120min	M ₁ A ₁	For the method For the answer	Operate time and regroup where necessary.
	b)		B ₂	For the answer	
	c)	It is 25 minutes past the hour	B ₁	For the answer	
22.	P.3 a)		M ₁ A ₁	For the method For the answer	Expose learners to the opposite operation.

	b)	$12 + \boxed{3} = 4$ $\boxed{\quad} = 12 + 4$ $\boxed{\quad} = 3$	M ₁ A ₁	For the method For $\boxed{\quad} = 3$	
	c)	$27 - 12 = 15 \text{ litres}$ $\boxed{\quad} = 15 + 12 \text{ litres}$ $\boxed{\quad} = 27 \text{ litres}$	M ₁ A ₁	For the method For the answer	
23	P.4 a)	H T O 2 5 8 2 5 0 + 1 0 2 6 0	M ₁ A ₁	For the method For the answer	Practise rounding off to the nearest tens, hundreds, thousands using a number line. etc.
	b)	Hindu Arabic Roman numerals 14 IX 9 V 5 XIV 8 VIII	B ₁	For each correct match	
24	a)	Its line graph	B ₁	For the answer	Help learners to read the title and labels correctly.
	b)	Abdul harvested 30 apples	B ₁	For 30 apples	
	c)	Olivia and Kato	B ₂	For the answer	
	d)	Tom = 20 Jane = 60 Olivia = + 40 120 apples	B ₂	For the answer	
25	P.4 a)	Shape Number of sides 	B ₂ B ₂ B ₂	For correct match For correct match For correct match	-Encourage learners to be neat and accurate. -Help learners to think critically.
26	P.3 a)	April = 30 June = 30 60 days	B ₂	For 60 days	Recite the months of the calendar and their days.
	b)	Hours min 4 : 37 + 2 : 13 6 : 50	B ₂	For the answer	
	c)	It is 25 minutes past 1 of the clocks.	B ₂	For the answer	
27	a)	Set II = {0, 2, 3, 5, 8, 9}	B ₁	For the answer	Emphasise the use of commas when listing members.
	b)	Set G ∩ II = {0, 2, 8} n(G ∩ II) = 3	B ₁ B ₁	For listing the members For n(G ∩ II)	
	c)	G ∪ II = {0, 2, 3, 4, 5, 6, 8, 9}	B ₂	For the answer	
28	a)	Use <, > or = $\frac{2}{8} \square \frac{2}{8}$	B ₂	For the symbol	Help learners to make use of the symbol and they apply it to teach fractions practically.
	b)	$\frac{3}{4}$	B ₂	for correct answer	
	c)	seven tenths	B ₂	For the answer	
29	P.4 a)	sh.5000 x 4 sh.20,000	B ₂	For the product	Emphasise the units and expose learners to operate.
	b)	Map of Uganda Tilapia fish	B ₂	For the answer	
	c)	S.p = B.P - Loss sh.2,000 + sh. 600 sh. 2600	M ₁ A ₁	For the method For the answer	
30.	P.4 a)	Odd numbers {1, 3, 5, 7, 9}	B ₂	For the answer	Recite types of numbers
	b)	Even numbers {4, 6, 8, 10} 4 + 6 + 8 = 18	B ₁	For the sum	
	c)	$\begin{array}{r} 5673 \\ - 1489 \\ \hline 4184 \end{array}$	B ₂	For even numbers	Operate and regroup where applicable.
31.	P.3 a)	$\begin{array}{r} 39 \\ 278 \\ \hline 6 \end{array}$	M ₁	For the method	
	b)	$\begin{array}{r} 18 \\ - 18 \\ \hline 0 \end{array}$	A ₁	For the answer	
32.	P.3 a)	$\begin{array}{r} 134 \\ 777 \\ \hline 7 \end{array}$	B ₂	For the answer	Expose learners to work on fractions practically.
	b)	$\begin{array}{r} 65 \\ 1717 \\ \hline 11 \end{array}$	M ₂ A ₁	For the method For the answer	