

THE SIPRO END OF TERM II EXAMINATIONS-2023

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"

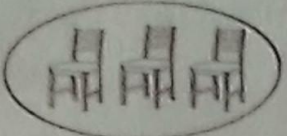
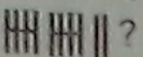
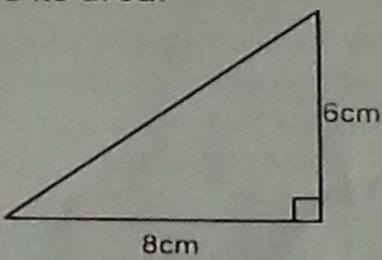
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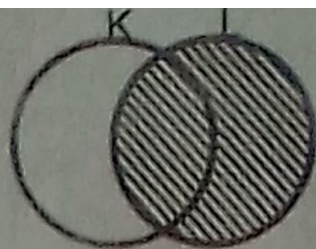
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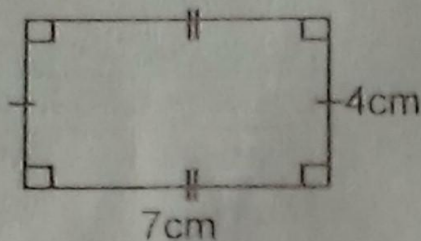
SECTION: 40 MARKS

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

1.	Name the set below; 	2.	In the space below, draw a triangle.
3.	What number is represented by the tallies  ?	4.	Change XXVII to Hindu-Arabic Numerals.
5.	List down odd numbers less than 10.	6.	Find the value of the missing number. $\square - 3 = 8$
7.	A girl paid sh.6,000 for her knickers. If each was priced at sh.2000, how many knickers did she buy?	8.	Change $\frac{13}{3}$ to a mixed number.
9.	Share 36 sweets equally among 4 girls. How many sweets will each girl get?	10.	The figure below is a triangle. Find its area. 



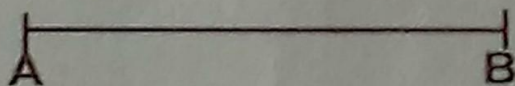
13. Find the perimeter of the figure below.



14. Find the missing number.

$$\frac{3}{5} = \frac{6}{\square}$$

15. Measure the length of \overline{AB} .



16. Change 4 weeks into days.

17. A trader bought 2 books at sh. 2800. What was the cost of each book?

18. Find the sum of the first 5 odd numbers.

19.	At Kijabijo Primary School, there are 1080 pupils. 597 are boys and the rest are girls. How many girls are there?	20.	Find the expanded number below. $(4 \times 1000) + (5 \times 100) + (9 \times 10) + (3 \times 1)$
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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)	John bought a pineapple at sh. 2500 and later sold it at sh. 3200. How much profit did he make?	(02Marks)
b)	Annet bought 10 eggs for sh.5000. Along the way, some eggs broke, she sold the remaining eggs and got sh.3500. Calculate her loss.	(02Marks)
22 a)	List down all factors of 8.	(02Marks)
b)	Find the next two numbers in the sequence: 2, 5, 8, 11, ____, ____	(02Marks)

(04Marks)

24. Find the value of the unknown;

a) $\square + 2 = 7$

b) $\square - 3 = 12$ (02Marks)

(02Marks)

c) Janet is 12 years old. Joan is 4 years **older** than Janet. Find their **total** age.

(03Marks)

25 a) Use $<$, $>$ or $=$ to complete:

$$\frac{1}{8} \text{ — } \frac{4}{8}$$

(02Marks)

b) Arrange the following fractions starting with the **smallest**.

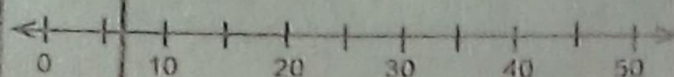
(ascending order)

$$\frac{7}{11}, \frac{3}{11}, \frac{8}{11}, \frac{5}{11}$$

(02Marks)

26 a) Use the number line below to

work out $40 - 10$.



(02Marks)

b) Work out:

$$\begin{array}{r} 304 \\ +128 \\ \hline \end{array}$$

$$\begin{array}{r} 304 \\ +128 \\ \hline \end{array}$$

(02Marks)

27. Given sets:

$$A = \{1, 2, 3, 4\}$$

$$B = \{2, 4, 6, 8\}$$

$$C = \{4, 2, 3, 1\}$$

a) Use equal set or equivalent sets to complete correctly.

i) set A and set B are _____

ii) set A and set C are _____

(02Marks)

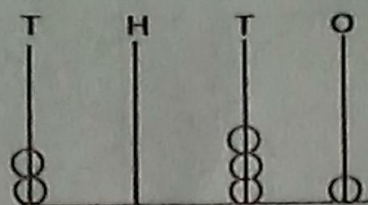
b) Find $n(A \cap B)$

(02Marks)

c) Find $(A \cup B)$

(02Marks)

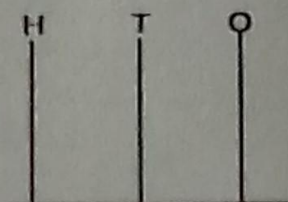
28. a) What **number** is represented on the abacus below?



(02Marks)

b) Work out and represent the sum on the **abacus**.

$$123 + 18$$



(03Marks)

29. A primary four girl sat by the road side to find out the number of cars that passed. Complete her findings shown on the table below.

Day	Tallies	Number of cars
Sunday		_____
Monday	_____	7
Tuesday		_____
Wednesday	_____	10
TOTAL	_____	_____

(05Marks)

30. a) List down the **even** numbers between 6 and 16.

(02marks)

b) (i) Find the **next** two numbers in the sequence.

1, 3, 5, 7, 9, _____, _____

(02marks)

ii) Find the sum of the **fourth** and **sixth** odd numbers.

(02marks)

<p>31. a) Work out:</p> <table> <tr> <td>Weeks</td> <td>days</td> </tr> <tr> <td>7</td> <td>2</td> </tr> <tr> <td>+ 1</td> <td>3</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td colspan="2"><hr/></td> </tr> </table> <p>(02marks)</p>	Weeks	days	7	2	+ 1	3	<hr/>		<hr/>		<p>b) How many minutes are there in 2 hours?</p> <p>(02marks)</p>
Weeks	days										
7	2										
+ 1	3										
<hr/>											
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<p>32. Use heavier than, lighter than or equal to complete the statement.</p> <p>a) 2kg of stones is _____ 2kg of feathers.</p> <p>(02marks)</p>											
<p>b) Add:</p> <table> <tr> <td>Kg</td> <td>g</td> </tr> <tr> <td>2</td> <td>500</td> </tr> <tr> <td>+3</td> <td>125</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td colspan="2"><hr/></td> </tr> </table> <p>(02marks)</p>	Kg	g	2	500	+3	125	<hr/>		<hr/>		<p>c) Mr. Okumu's cow produces 15 litres of milk every day. How many litres of milk does it produce in a week?</p> <p>(02marks)</p>
Kg	g										
2	500										
+3	125										
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