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"

Please turn over

SEMAS | Simplified Learning Today
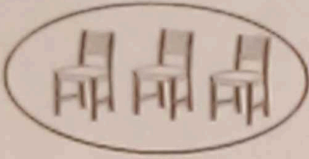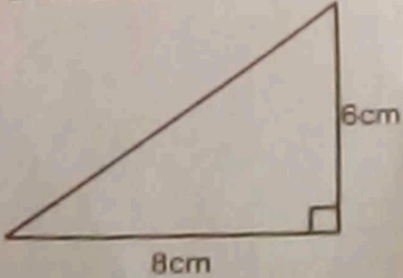
SECTION: 40 MARKS

Attempt all questions in this section

Questions 1 to 20 carry two marks each

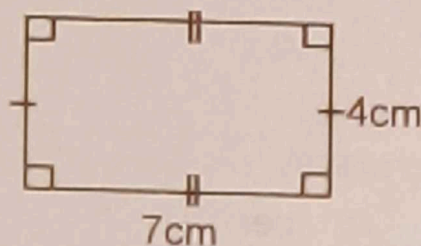| 1.	Name the **set** below; _____	2.	In the space below, **draw** a triangle.
3.	What number is represented by the tallies Ⅲ Ⅲ Ⅱ ?	4.	Change **XXVII** to Hindu-Arabic Numerals.
5.	List down **odd** numbers less than 10.	6.	Find the value of the **missing** number. $\square - 3 = 8$
7.	A girl paid **sh.6,000** for her knickers. If each was priced at **sh.2000**, how many knickers did she buy?	8.	Change $\dfrac{13}{3}$ 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**.

11.	Show a half past 4 using the clock hands:	12.	Describe the **unshaded** set.
13.	Find the **perimeter** of the figure below. 4cm 7cm	14.	Find the **missing** number. $\frac{3}{5} = \frac{6}{\square}$
15.	Measure the length of $\overline{AB}$. A———————————B	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.
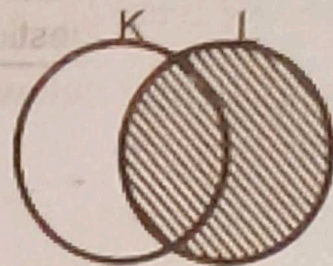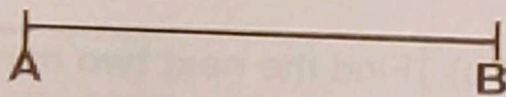
19.	At Kijabijo Primary School, there are 1080 pupils. 597 are boys and the rest are girls. How many girls are there?	20.	Find the **expanded** number below. $(4\times1000)+(5\times100)+(9\times10)+(3\times1)$

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**.
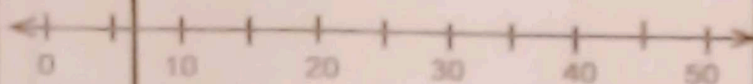
(02Marks)

22 a) List down all **factors** of 8.

b) Find the **next two** numbers in the sequence:
2, 5, 8, 11, ___, ___

(02Marks)

(02Marks)

23.	Using a pair of compasses, a pencil and a ruler only, construct a square of side 4cm.
	(04Marks)

24.

a) Find the value of the unknown,

$\square + 2 = 7$

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 $\angle$, $\geq$ or $=$ to complete.

$\dfrac{1}{8}$ _____ $\dfrac{4}{8}$

(02Marks)

b) Arrange the following fractions starting with the smallest. (ascending order)

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

(02Marks)

26 a) Use the number line below to work out **40 - 10**.	b) Work out:
	$\begin{array}{r} 3\ 0\ 4 \\ +1\ 2\ 8 \\ \hline \\ \hline \end{array}$
(02Marks)	(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.

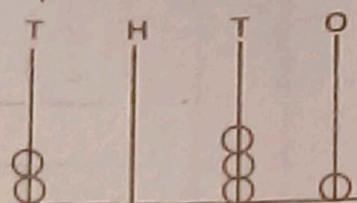i) set A and set B are_____

i) set A and set C are_____

(02Marks)

b) Find n(A∩B)

(02Marks)

c) Find (A∪B)

(02Marks)

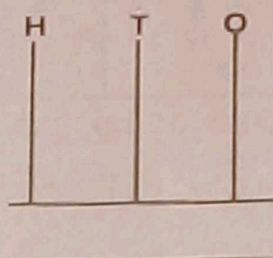**28. a)** What **number** is represented on the abacus below?

_____   (02Marks)

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

1 2 3 + 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	HHH HHH IIII	_____
Monday	_____	7
Tuesday	HHH HHH HHH I	_____
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)

31.a) Work out:	b) How many **minutes** are there in 2 hours?
Weeks days 7 2 + 1 3 ──────────	
(02marks)	(02marks)

32. Use **heavier** than, **lighter** than or **equal** to complete the statement:

a) 2kg of stones is _____ 2kg of feathers.

(02marks)

b) Add:	c) Mr.Okumu's cow produces **15** litres of milk every day.
Kg g 2 5 0 0 +3 1 2 5 ──────────	How many litres of milk does it produce in **a week**?
(02marks)	(02marks)