

# RAISE UP A CHILD SCHOOLS EXAMINATIONS BOARD

MATHEMATICS MID TERM I – 2023

## PRIMARY FIVE

Name: \_\_\_\_\_

Branch: \_\_\_\_\_ Stream: \_\_\_\_\_

### INSTRUCTIONS:


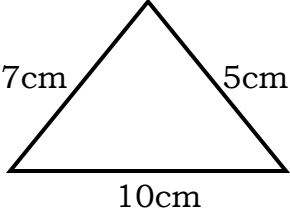

1. Attempt all questions.
2. Any drawing must be done in pencil.
3. Use a very good handwriting.
4. No calculators are allowed in the examination room

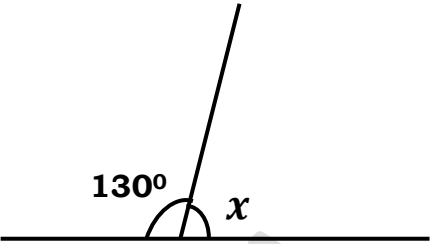
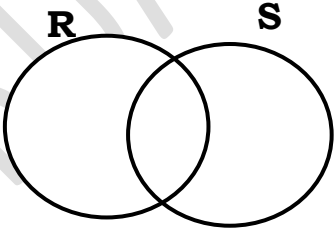
Examiner's Use Only	
SECTION A	
SECTION B	
TOTAL	

**TIME ALLOWED: 2 hours 30 minutes**

### SECTION A (40 marks)

1	Work out: $4 \times 2$	2	Write <b>404</b> in words.
3	Express <b>XXV</b> as Hindu Arabic numeral.	4	Find the next fraction in the sequence; $\frac{1}{2}, \frac{2}{4}, \frac{3}{6}, \text{---}$
5	Write <b>2 hundreds + 5 tens</b> as a single numeral.	6	Set <b>V</b> is a set of whole numbers less than <b>10</b> . List down all elements of set <b>V</b> .

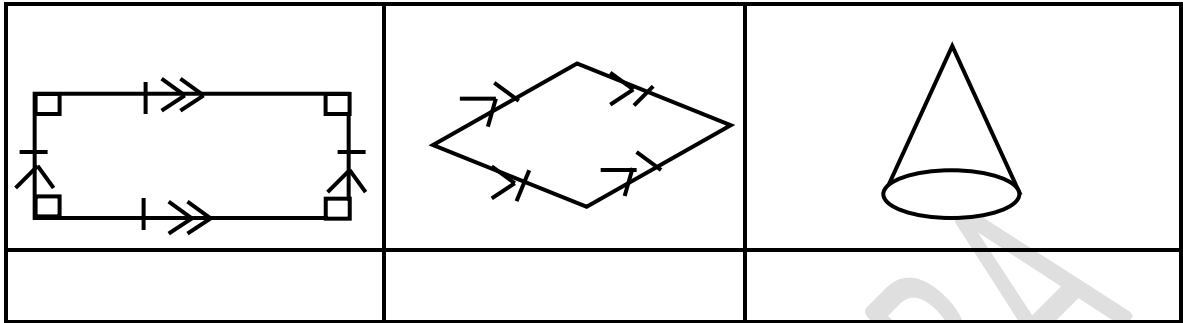
7	<p>If  represents 3 balls. Draw the picture balls that represent 18 balls.</p>	8	<p>Find the total distance around the figure below.</p> 
9	<p>Work out; weeks      Days</p> <p style="text-align: center;">3                      6</p> $\begin{array}{r} + 1 \quad 3 \\ \hline \hline \end{array}$	10	<p>Draw tally marks to represent 26.</p>
11	<p>Name the geometric shape drawn below.</p> 	12.	<p>Solve for y; <math>y + 4 = 8</math></p>
13	<p>Find the value of <b>7</b> tens.</p> <p>.</p>	14.	<p>Subtract: <math>4\frac{3}{7} - 2\frac{1}{7}</math></p>

15. .	A pen costs <b>sh.500</b> . Find the cost of 2 similar pens.	16. .	Find the value of the angle marked $x$ .  
17. .	Peter is 4 years younger than Amber. How old is Amber, if Peter is 10 year old?	18. .	Find the next number in the sequence. 30, 31, 33, 36, _____
19. .	Shade Set R on the Venn-diagram below.  	20. .	Round off <b>645</b> to the nearest tens.

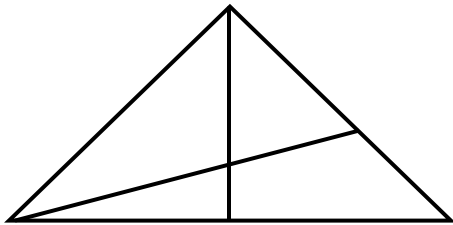
## SECTION B (60 marks)

21. a) Name the following shapes.

(3marks)



b) Shade the part which is not a triangle. (2marks)

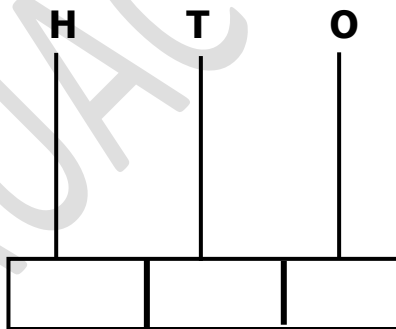


22. Given the numeral **346**.

a) Write the above numeral in words.

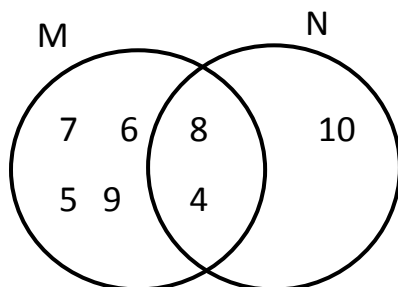
(2marks)

b) Represent the above numeral on the abacus below. (2marks)



c) Write the above numeral in expanded form using values. (2marks)

23. Use the Venn-diagram below to answer the questions that follow.



a) List down all elements of set **N**.(1mark)

b) Find  $n(M \cap N)$

(2marks)

c) Find  $M \cup N$

(2marks)

24. Using a pair of compasses, a ruler and a pencil only;

a) Construct rectangle with length 6cm and width 4cm.(4marks)

b) Measure the size of each angle.

(1 mark)

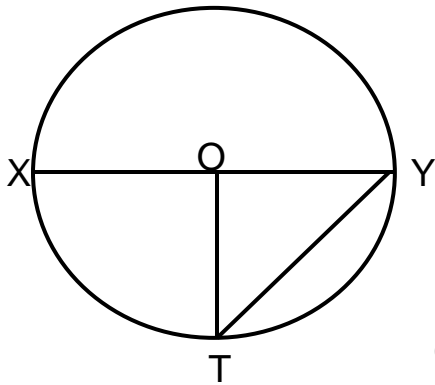
25. a) List down all multiples of **6** less than **36**.

**(2marks)**

b) Find the sum of the next two numbers in the sequence below.  
**(3marks)**

5, 8, 11, 14, \_\_\_\_\_, \_\_\_\_\_

26. Line XY divides the circle below into equal parts. Use it to answer the questions that follow.



a) Name the line marked; **(1mark each)**

i) OT

ii) TY

iii) XY

b) If line OT is 5cm. Find the length of line XY. **(2marks)**

27. In a primary five class, there are 70 boys and 120 girls.

a) Find the total number of pupil in the class.

**(2marks)**

b) On a certain day 25 boys and 30 boys were absent. How many pupils were present that day? **(3marks)**

28. Solve the following equations;**(2 marks each)**

a)  $\square - 2 = 7$

b)  $\square \times 3 = 15$

29. Use  $>$  , $<$  or  $=$  to complete the following statements correctly. **(4marks)**

a) 3kg.....1000g

b) 0.5 .....  $\frac{1}{2}$

c)  $4 + 7$  .....  $3 \times 4$

d) XIV.....XX

e) 30. a) Add;  $\frac{3}{7} + \frac{2}{7}$  **(2marks)**

b) Arrange  $\frac{2}{9}$ ,  $\frac{4}{9}$ ,  $\frac{7}{9}$  and  $\frac{3}{9}$  in descending order. **(2marks)**

- c) Tom ate  $\frac{3}{8}$  of a cake. Find the fraction he remained with.  
(2marks)

31. Mwaka went to the shop and bought the following items.

Item	Price
A ruler	sh.1000
A book	sh.3000
A pencil	Sh.500

- a) How many items did he buy? (1mark)
- b) How much more did he spend on a book than a ruler? (2marks)
- c) Find his total expenditure. (2marks)

32. Complete the tally graph below correctly. (5 marks)

Age group	Tallies marks	Frequency
5 - 7	///	_____
8 - 10	_____	7
11 -13	//// //	_____
14-16	_____	6
17-19	//	_____

**END**