

MUMMY'S CARE SCHOOL-ADJUMANI

MID TERM II ASSESSMENT-2024

PRIMARY SIX

MATHEMATICS

Time: 2 Hours and 30 Minutes

NAME:.....

SCHOOL:.....

Date:...../...../.....

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper has **two** sections: **A** and **B**
2. Section **A** has **20** short questions (**40 marks**)
3. Section **B** has **12 questions (60 marks)**
4. Answer **ALL** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
5. All answers must be written using **a blue or black ball point pen or ink**. Diagrams should be drawn in pencil.
6. Unnecessary alteration of work may 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"

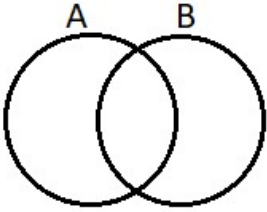

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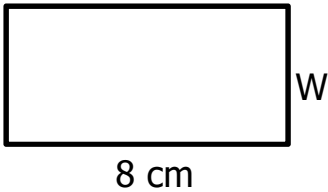


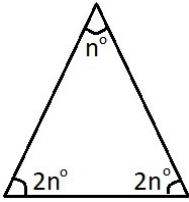
FOR EXAMINER'S USE ONLY	
SECTION	SCORE
A	
B	
TOTAL	

SUBJECT TEACHER'S COMMENT:

.....
.....
.....

SECTION A (40 marks)

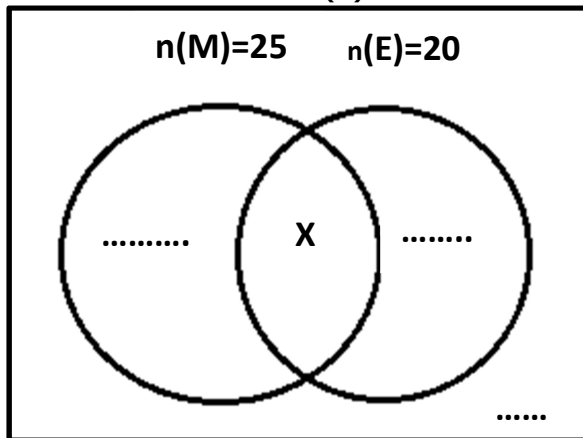
<p>1. Work out:</p> $\begin{array}{r} 33 \\ + 66 \\ \hline \end{array}$	<p>2. Write 2024 in words.</p>
<p>3. Round off 4362 to the nearest hundreds</p>	<p>4. Express 149 in Roman numerals</p>
<p>5. Shade the region B-A in the Venn diagram below</p> 	<p>6. Simplify: $^{-}3 - ^{-}5$</p>
<p>7. Find the value of m in the figure below</p> 	<p>8. Find the next two numbers in the series' 1, 3, 6, 10, _____, _____</p>
<p>9. List all the factors of 24.</p>	<p>10. Jane is the 7th from the either sides in a line of girls. How many girls are in the line?</p>

<p>11. Noella is 13 years old and Nassim is 4 years older than Noella. How old is Nassim?</p>	<p>12. Work out: $0.24 \div 0.6$</p>
<p>13. Find the square root of 36.</p>	<p>14. What number has been expanded to give; $(6 \times 10^3) + (3 \times 10^1) + (6 \times 10^{-1}) + (6 \times 10^{-2})$</p>
<p>15. The area of the rectangle below is 48 cm^2. Find its width W.</p> 	<p>16. If  represents 10 balls, how many balls are represented by</p> 
<p>17. Find the value of n in the triangle below.</p> 	<p>18. Write the place value of 2 in the number 1201_{three}</p>
<p>19. Find the prime factors of 36 and write your answer in subscript form.</p>	<p>20. Daphine bought 3 textbooks at sh. 10,800. How much would she pay for 5 similar books?</p>

SECTION B (60 MARKS)

21. In a class of **40** pupils, **25** like Mathematics (M), **20** like English(E), **X** like both while 2 like neither of the two subjects.

$$n(\varepsilon)=40$$



- a) Complete the above Venn diagram.
b) Find the value of **X**.

(3 marks)
(2 marks)

- c) How many pupils like only English?

(1 mark)

22. The sum of three consecutive even numbers **96**.

- a) Find the numbers.

(4 marks)

- b) Find their range.

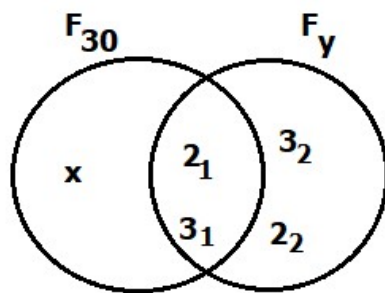
(1mark)

23. Two bells at Ajambo Primary School ring at intervals of **30 minutes** and **40 minutes** respectively.

a) After how long will the bells ring together again? *(3 marks)*

b) If they first ring together at **8:30 am**, at what time will they ring together again?
(2 marks)

24. The Venn diagram below shows prime factors of 30 and y.

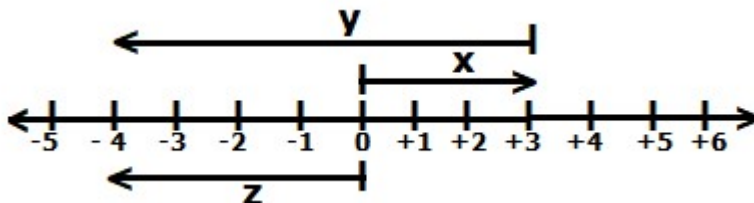


a) Find the value of **y** *(2 marks)*

b) Find the value of **x** *(2 marks)*

c) What is the GCF of **30** and **y**? *(2 marks)*

25. Study the number line below.



a) Write the integer shown on the numberline by arrow;

(1 mark each)

i) X= _____

ii) Y= _____

iii) Z= _____

b) Which integer is five steps to the left of **+3**?

(1 mark)

26. Using a pencil, a ruler and a pair of compasses only, construct a rectangle ABCD in which **AB=7 cm** and **BC=5cm**. (4 marks)

27. Perina went to the sjhop and bought the following items;

2 Kg of sugar at sh. 6,000 per kg

3 bars of soap at sh. 2,400 per bar

$1\frac{1}{2}$ litres of cooking oil at sh. 7,200 per litre

5 apples at sh. 10,000

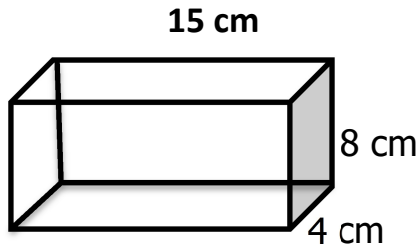
a) Find her total expenditure

(4 marks)

b) If she went with **sh. 50,000**, find her change.

(2marks)

28. The figure below is a cuboid.



a) Find the number of;

i) Faces_____

ii) Edges_____

iii) Vertices_____

(1 mark each)

b) Find the volume of the above cuboid.

(2 marks)

29. a) Work out; $\frac{5}{6} - \frac{1}{3} + \frac{3}{4}$

(2 marks)

b) Simplify: $\frac{0.24 \times 0.3}{0.06}$

(3 marks)

30. A motorist left Adjumani Town at **8:00 am** and reached Gulu City at **9:30 am**.
 a) Find the time he took for driving from Adjumani Town to Gulu City. (2 marks)

b) If he was driving at a speed of **60 km/hr**, find the distance between Gulu City and Adjumani. (2 marks)

31. a) Work out: (2 marks)

$$\begin{array}{r} 3 \quad 3 \quad 3_{\text{five}} \\ - 1 \quad 1 \quad 4_{\text{five}} \\ \hline \end{array}$$

b) Given that $24_n = 14_{\text{ten}}$, find the value of n (3 marks)

32. Bruno scored the following marks in the Beginning of Term II Exams.
50, 30, 70, 50 and 80

a) Find the modal mark. (1 mark)

b) Find the range. (2 marks)

c) Work out the average mark. (2 marks)

END