



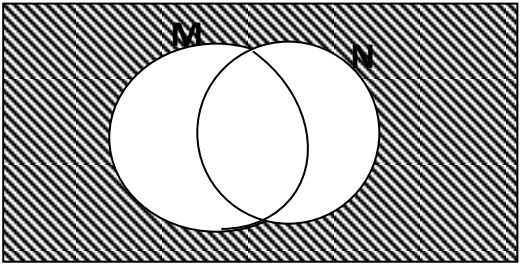
HORMISDALLEN SCHOOL- GAYAZA

P.6 ZOOM (E- LEARNING) EVALUATION MATHEMATICS ASSESSMENT SET TWO

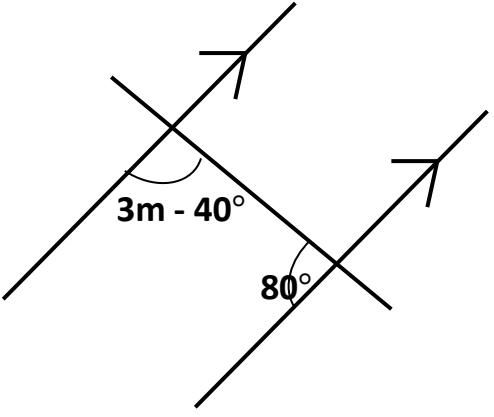
NAME: _____

SECTION A

1.	Multiply : 23 by 3	2.	Write 20202 in words.
3.	If set $Q = \{ m, a, t \}$. How many subsets are in set Q .	4.	Write down a pattern of the first triangular numbers. _____ / _____ / _____ / _____ / _____
5.	If $n = m = 5$, find the value of mn .	6.	Using a ruler, pencil and a pair of compasses only, construct an angle of 60° .
7.	Decrease 480 mangoes in the ratio 4:5.	8.	Simplify $-4 + +6$

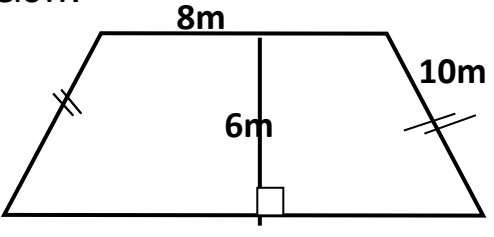
<p>9. A forty minute lesson ended at 9:10a.m., at what time did it start?</p>	<p>10. Workout the average of $2n$, $3n + 4$ and $n + 11$.</p>
<p>11. A circular flower garden has diameter of 28cm. Calculate the circumference of the garden. (use π as $\frac{22}{7}$)</p>	<p>12. Expand 4752 using exponents.</p>
<p>13. Use a distributive property to work out. $(19 \times 4) + (11 \times 4)$.</p>	<p>14. Solve for m: $3m - 4 = m + 8$</p>
<p>15. Describe the shaded region in the Venn diagram below.</p> 	<p>16. Express 18km/hr as m/sec</p>

17. Use the diagram below to work out the value of m .



18. A trader banked notes numbered consecutively from **ED482601** to **ED482800**. If each note was sh. 2000, how much money did he bank?

19. Calculate the area of the figure below.

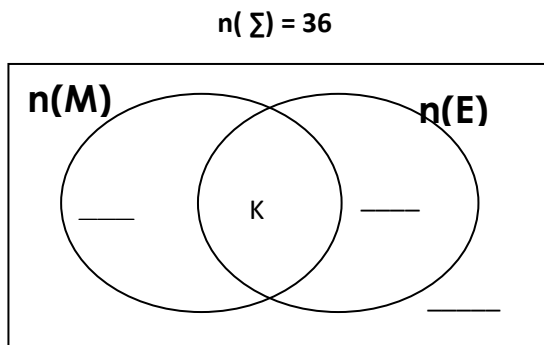


20. A woman had $\frac{3}{4}$ bar of soap. She used $\frac{1}{2}$ of it for washing plates. What fraction did she remain with?

SECTION B

21. In a class of **55** pupils, **36** pupils like Mathematics (**M**), 24 pupils like English, **K** like both while **5** pupils like other subjects.

(a) Use the information given above to complete the Venn diagram below.



(b) Find the value of **k**.

(c) How many pupils like only one subject?

22. Given the numeral 2046.

(a) Find the sum of the value of 2 and place value of 4 in the figure above.

(b) Work out the additive inverse of the value of 6.

23. A parent distributed 126 pens to his three children Amina, Amos, and Ameto in the ratio 2:3:4 respectively.

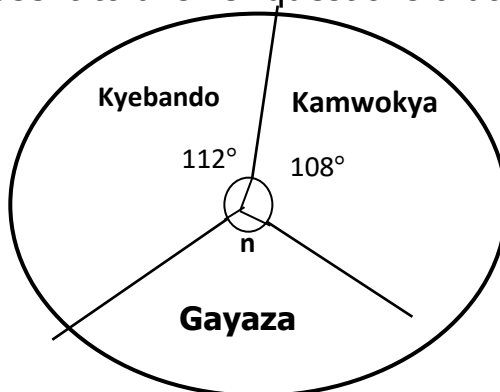
(a) How many pens did each get?

(b) Express Ameto's share a percentage of their total share.

24. (a) Convert 204_{five} to decimal base.

(b) Add: $2\ 3\ 1_{\text{four}}$
 $+1\ 2\ 0_{\text{four}}$

25. The pie chart below show how 2160 school uniforms are distributed in Hormisdallen schools. Use it to answer questions that follow.



(a) Find the value of n.

(b) How many school uniforms were distributed to Kamwokya?

(c) Express the number of uniforms taken by Kyebando as a fraction.

26.(a) Using a sharp pencil, a ruler and a pair of compasses only, construct a triangle APE where PE = 7cm, angle APE = 60° and PEA = 45° .

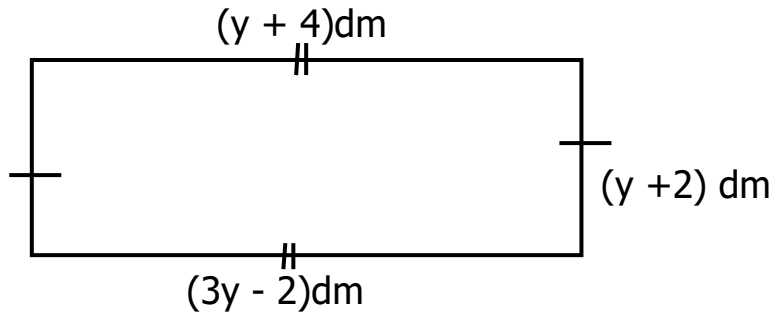
(b) Measure line RE.

27.The shopping bill shows how a man spends his money.

(a) Complete the table below.

Item	Quantity	Unit	Total
Soap	2 bars	shs. 3600	shs. _____
Rice	2 ½ kg	shs. _____	shs. 8000
Sugar	_____	sh.2800	sh.3500
Cooking Oil	_____litres	sh. 2500	sh._____
Total expenditure			sh.21600

28. Use the rectangle below to answer the questions that follow.



(a) Find the value of y .

(b) Calculate the Perimeter of the figure.

29. The cost of a book is five times the cost of a pen. If their total cost is shs. 9000.

(a) Find the cost of a pen.

(b) How much more does a book cost than a pen?

30. (a) Work out the least number that can be divided by either 5 or 6 exactly.

(b) The L.C.M of two numbers is 48, their G.C.F is 8. Find the second number if the first number is 16.

31.(a) Subtract: $4 - 6 = n \pmod{7}$

(b) If the presidential address on COVID-19 was on Friday, 18th June 2021, what day of the week will it be after 42 days of the lockdown?

32. In a village of 640 people, 30% of the people were COVID-19 positive and the rest were negative.

(a) What percentage of the people were COVID-19 negative.

(b) How many people were COVID-19 negative?

(c) If $\frac{3}{8}$ of the people who were COVID-19 positive were male, how many female COVID-19 positive cases were recorded?

END