CREAMHILL SCHOOLS – MULAGO

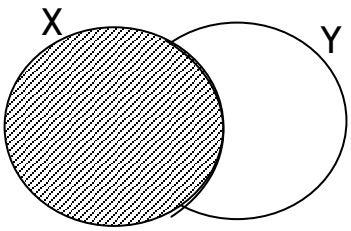
MATHEMATICS PRIMARY FIVE

Name: _____**STREAM**_____

SECTION A (40 MARKS)

1. Add: 149 + 11

2. Describe the shaded part



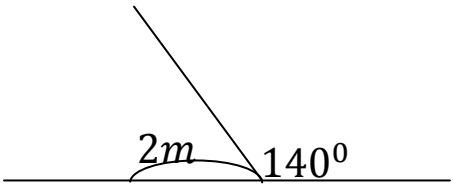
3. Express 64 in Roman numerals.

4. Write in words 2085

5. Add: $\frac{1}{4} + \frac{2}{3}$

6. Simplify: $4x + y - 2x + 3y$

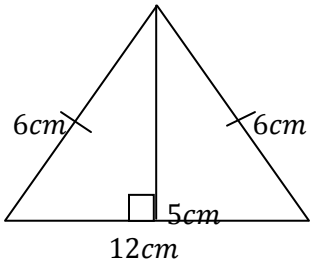
7. Find the value of m



8. Find the next number in the sequence below; 1, 4, 9, 16, ____

9. Find the L.C.M of 6 and 8.

10. Calculate the area of the figure below.



11. Change 123_{five} to base ten

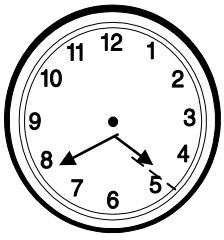
12. A dice was rolled once. What is the probability that a prime number shows on top.

13. Convert 4m to decimeters.

14. Solve for x: $2x + 7 = 27$

15. Express 5107 in expanded form.

16. Tell the morning time shown on the clock face.



17. If the cost of one pen is shs. 750, calculate the cost of 6 similar pens.

18. Gi that represents 8 Apples, how many apples are represented by?

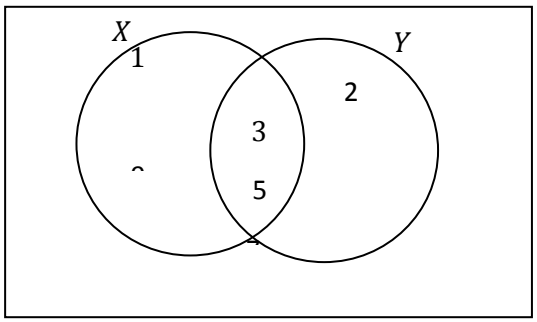
19. Workout:

	Wks	$Days$
	4	4
−	1	5

20. Multiply: 4 1 3 X 23

SECTION B (60 MARKS)

21. Given the venn diagram below;



a) List down the elements of set X. (1 mark)

b)Find $n(Y - X)$ (2 marks)

c)Find $n(X \cap Y\ )$ (2 marks)

22. Use the digits 2, 1 and 7 to answer the questions that follow;

a) Form the biggest numeral using all the above digits. (1 mark)

b) What is the smallest numeral formed? (1 mark)

c) Calculate the sum of the smallest and biggest numerals formed. (2 marks)

23. Kaberenge went to the shop and bought the following items;

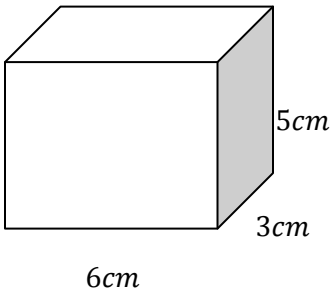
2 kg of rice at shs. 8,000 each

3 kg of meat at shs. 10,000 per kg.

a) Calculate his total expenditure. (3 marks)

b) If he had shs. 50,000, how much was his change. (2 marks)

24. Use the figure below to answer the questions that follow



a) How many vertices has the figure above? (1 mark)

b) Calculate the area of the shaded part? (2 marks)

c) Find the volume of the whole figure. (2 marks)

25. a) What is the place value of 2 in 3214_{five} (2 marks)

b) Workout:

$$\begin{array}{rrr} 2 & 1 & 3_{five} \\ - & 2 & 4_{five} \\ \hline & & \\ \hline \end{array}$$

(2 marks)

c) Write 324_{five} in words. (1 mark)

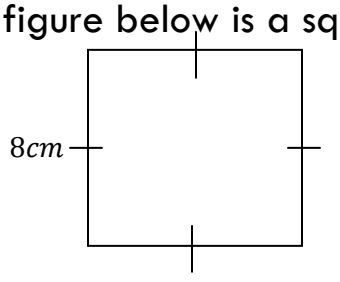
26. Given that $p = 2, q = 3 \; and \; r = 4$; evaluate;

a) $p + q + r$ (2 marks)

b) $q^2 + 20$ (2 marks)

c) $\frac{qr}{p}$ (2 marks)

27. The figure below is a square. Use it to answer questions that follow.



a) Find the area of the square above. (2 marks)

b) Calculate the distance around the above figure. (2 marks)

28. John scored the following marks in a series of tests; 9, 7, 6, 5, 9, 4, 9.

a) What is the median mark? (1 mark)

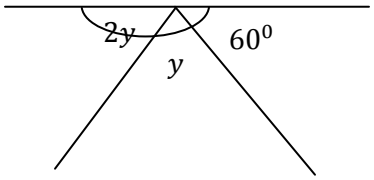
b) Find the mode. (2 marks)

c) Find the range. (1 mark)

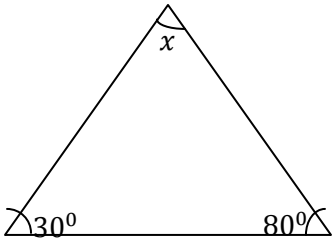
d) Calculate the average score. (2 marks)

29. Find the value of the unknown angles in the figures below. (2 marks each)

a)

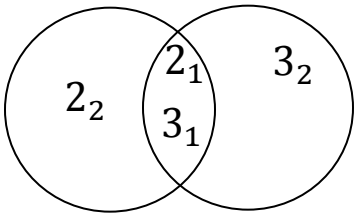


29.



30. The venn diagram below shows the prime factors of $M \text{ and } N$. Use it to answer the questions below.

F_M F_N



a) Find the value of;

i) M (1 mark)

ii) N (1 mark)

b) Find the L.C.M of M and N. (2 marks)

c) What is the G.C.F of M and N. (2 marks)

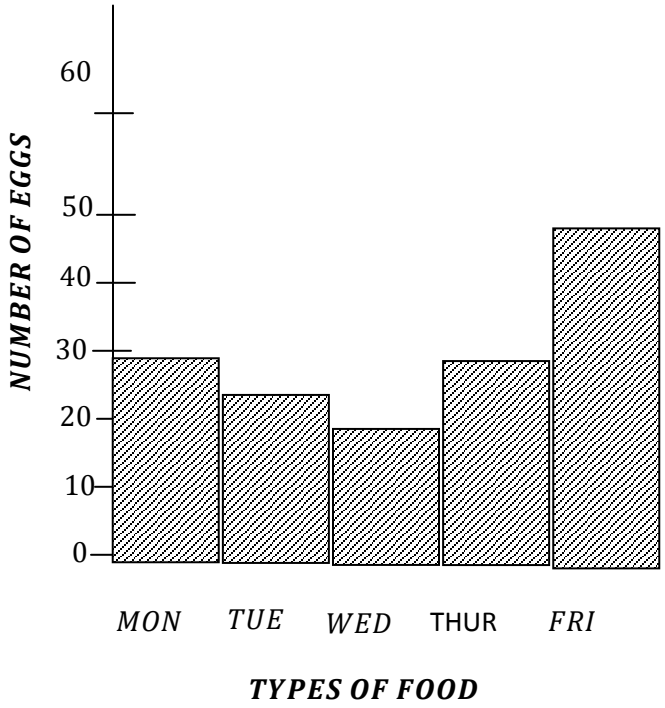
31. Mr. Magezi had 60 mangoes. He ate $\frac{2}{5}$ of them and kept the rest for teacher Titus.

a) What fraction of the mangoes did Tr. Titus get? (1 mark)

b) How many mangoes did Mr. Magezi eat? (2 marks)

c) If Tr. Titus sold each mango at 100/=, how much money did he get?

32. The graph below shows the number of eggs collected on Katumba's farm.



Questions.

a) How many eggs were collected on Monday? (1 mark)

b) How many more eggs were collected on Friday than Tuesday? (2 marks)

c) Find the total number of eggs collected in five days. (2 marks)