

SECTION: 40 MARKS

Attempt all questions in this section
Questions 1 to 20 carry two marks each

1. Add:
$$\begin{array}{r} 36 \\ + 42 \\ \hline \end{array}$$

2. Write **3,794** in words.

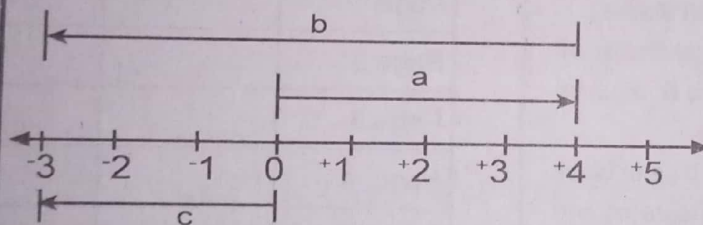
3. Use a ruler, a protractor and a pencil only to draw an angle of 60° .

4. Change **5,000gm** to kg.

5. Find the **LCM** of 6 and 9.

6. Set $X = \{2, 4, 6, 8\}$ and
 $Y = \{4, 6, 8, 9\}$ Find $n(X \cap Y)$

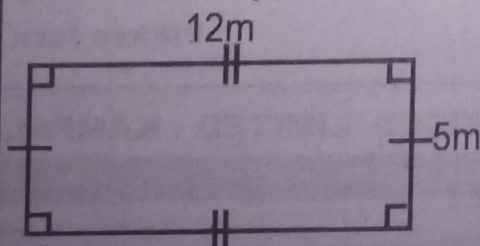
7. Write down the mathematical addition statement for the number line below.

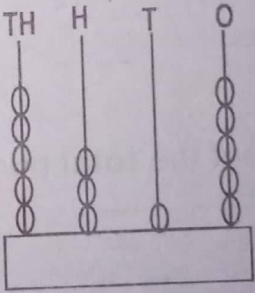


8. Subtract:
$$\begin{array}{r} 342_{\text{five}} \\ - 214_{\text{five}} \\ \hline \end{array}$$

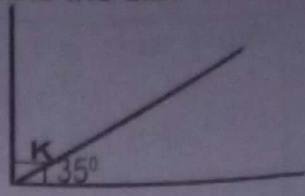
9. A forty minute lesson started at **8:40am**. When did it end?

10. Calculate the **perimeter** of the rectangle below.



11.	Work out: $\frac{2}{3} + \frac{1}{4}$		
12.	Solve for X: $X - 7 = 12$.	13.	Find the mean of 7, 3 and 5.
14.	3 books cost sh.1,800. How much will two books cost at the same rate?		
15.	Find the next number in the sequence: 1, 3, 6, 10, 15, ____	16.	Musa walked 12km in 2hours. What was his speed?
17.	Joanah is 13 years old, How old will she be in 8 years time?	18.	Write the number shown on the abacus below.
		<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <p>TH H T O</p>  </div> <div style="margin-left: 20px;"> <p>= _____</p> </div> </div>	



19.	Arrange 3, -2, 0 and 5 in ascending order.	20.	Calculate the size of angle K. 
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SECTION B: 60 MARKS

Attempt **all** questions in this section.

Marks for **each part** of the question are **indicated** in the brackets

21. Akram ate $\frac{4}{9}$ of the sugarcane at breaktime, $\frac{3}{9}$ of it at lunch time and the remaining at supper.

a) Find the total fraction he ate at break and lunch times.

b) What fraction of the sugarcane did he eat at supper?

(02Marks)

(02Marks)

22. There are **20** classrooms in school **A**. **15** of the classrooms have **40** pupils each and If the remaining five classes have **225** pupils altogether;

a) Find the number of pupils in 15 classes.

b) Work out the **total** number of pupils in the school.

(02Marks)

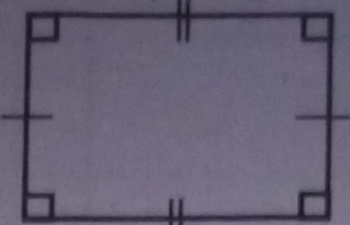
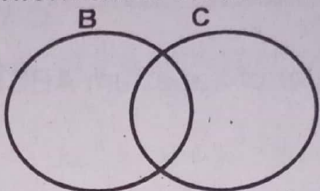
(02Marks)



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P.5 END OF TERM III MATHEMATICS EXAMINATIONS - 2022

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TR'S GUIDES AND PUPIL'S COMPANIONS.

23a)	Draw and show folding lines of symmetry in the square below. <div style="text-align: center;">  </div> <div style="text-align: right;">(02Marks)</div>	
b)	Monica was facing north direction, she turned 135° clockwise. Find her new compass direction. <div style="text-align: right;">(02Marks)</div>	c) Angle Y and 130° are on a straight line. Find the size of angle y in degrees. <div style="text-align: right;">(02Marks)</div>
24.	Given that $B = \{a, b, c, d, e\}$ set $C = \{a, e, i, o, u\}$ <div style="display: flex; justify-content: space-around;"> <div data-bbox="268 831 1278 887"> a) Represent the above information on the venn diagram below. <div style="text-align: center;">  </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div data-bbox="268 1055 480 1111"> b) Find $B-C$ <div style="text-align: right;">(01Mark)</div> </div> <div data-bbox="1007 1032 1350 1111"> (c) Find $n(B \cap C)$ <div style="text-align: right;">(03Marks)</div> </div> </div> </div>	
25 a)	Change 31_{five} to base ten. <div style="text-align: right;">(02Marks)</div>	b) What is the difference of the value of 3 and value of 9 in 5392? <div style="text-align: right;">(03Marks)</div>



26.a) Find the missing number.

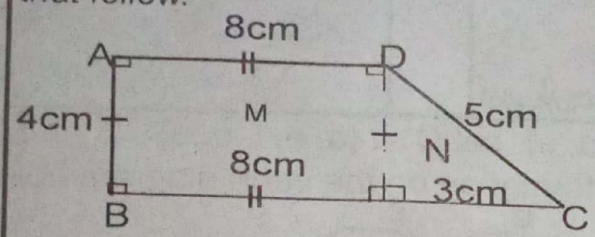
$$\square + 5 = 4$$

(02marks)

b) I think of a number, subtract 5 from it; the answer is 14. Find the number.

(03marks)

27. **ABCD** is a right angled trapezium. Use it to answer the questions that follow.



a) Find the perimeter of trapezium **ABCD**.

(02marks)

b) Calculate the **area** of the rectangle **M**.

(02marks)
















c) Work out the area of triangle **N**.


(02marks)



28.

The picto graph below shows the number of apples sold by a supermarket attendant in a week.

Day	Number of apples
Monday	    
Tuesday	   
Wednesday	
Thursday	     

Key
 = 4 apples

a) How many apples did the trader sell on Tuesday?

(02marks)

b) If the supermarket sold 12 apples on Wednesday, find and draw picto symbols sold on that day.

(02marks)

c) On which day of the **week** did the supermarket attendant sell 24 apples?

(01mark)

29 a) What **morning** time is shown on the clock face below?



(02marks)

b) A motorist driving at speed of 60km/h took 5hours to cover a journey from Kampala to Mbarara. Find the **distance** between Kampala and Mbarara.

(02marks)

30. Mr. Golola bought two hens at sh.30,000.
 a) If he sold each hen at sh.20,000, how much did he get after selling?
 (03marks)

b) Find the **profit** he made.

(02marks)

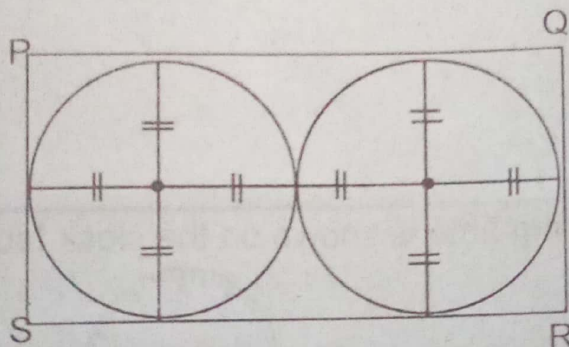
31.a) **Simplify:** $-3 + +7$

(02marks)

b) The temperature in Kampala was -8°C in the morning and 27°C in the afternoon. What was the difference in the temperature?

(02marks)

32. PQRS is a rectangle made up of two equal circles of radius 7cm.



a) Find the **diameter** of each circle

(02marks)

b) **Work out the:**
 i) length of rectangle PQRS.

(02marks)

ii) width of a rectangle PQRS.

(02marks)