

# THE SIPRO END OF TERM III EXAMINATIONS - 2022

SUBJECT            MATHEMATICS  
CLASS             PRIMARY FIVE  
DURATION        2 hours 30 minutes

Name \_\_\_\_\_  
School \_\_\_\_\_  
District \_\_\_\_\_

## READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: A and B.
2. Section A has 20 questions (40 Marks).
3. Section B has 12 questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B, must be written in the spaces provided.
5. All answers must be written in blue or black ball point pen or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary alteration of work will 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"**

## For Examiner's Use Only

PAGES	MARKS	INITIALS
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Total		

Please turn over

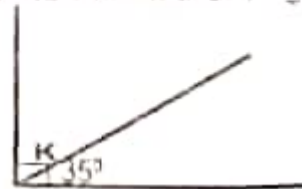


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19 Arrange 3, -2, 0 and -5 in ascending order

20 Calculate the size of angle K



**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)

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)


















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UNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTUAL BOOKS, RESOURCES, AND TOOLS BY CAPTAIN

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)



26 a) Find the missing number

$$\square - 5 = 4$$

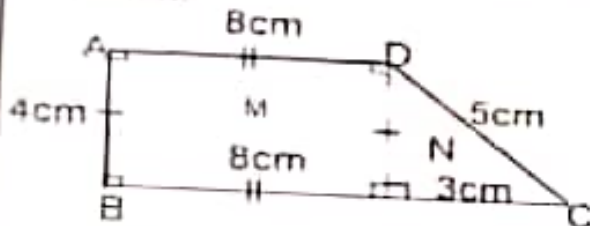
b) I think of a number, subtract 5 from it the answer is 14. Find the number

(02marks)

(03marks)

27

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



a) Find the perimeter of trapezium ABCD

b) Calculate the area of the rectangle M.

(02marks)

c) Work out the area of triangle N.

(02marks)

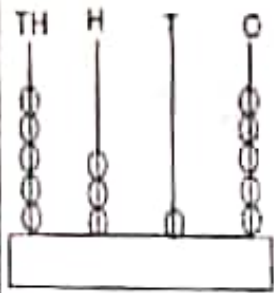
(02marks)



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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 <b>abacus</b> below. 

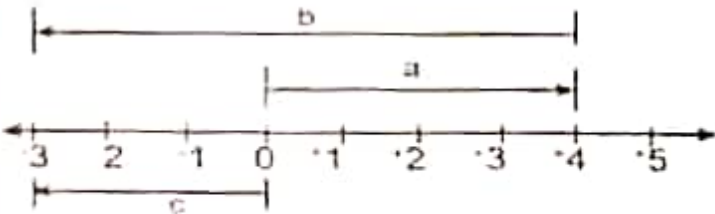
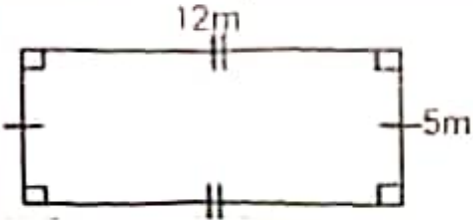


23a)	Draw and show folding lines of symmetry in the square below <div data-bbox="604 188 1002 423" style="text-align: center;"> </div> <div data-bbox="1228 338 1366 374" style="text-align: right;">(02Marks)</div>		
b)	Monica was facing north direction she turned $135^\circ$ clockwise Find her new compass direction	c)	Angle Y and $130^\circ$ are on a straight line Find the size of angle y in degrees
(02Marks)		(02Marks)	
24	Given that $B = \{a, b, c, d, e\}$ set $C = \{a, e, i, o, u\}$ a) Represent the above information on the venn diagram below <div data-bbox="644 927 1010 1140" style="text-align: center;"> </div> <div data-bbox="1268 1072 1406 1111" style="text-align: right;">(03Marks)</div>		
b)	Find $B-C$	(c) Find $n(B \cap C)$	
(01Mark)		(02Marks)	
25 a)	Change $31_{\text{five}}$ to base ten.	b)	What is the difference of the value of 3 and value of 9 in 5392?
(02Marks)		(03Marks)	



**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 $60^\circ$	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.	<p>Write down the mathematical addition statement for the number line below.</p> 		
8.	Subtract: $\begin{array}{r} 342 \\ - 214 \\ \hline \end{array}$ <small>five      four</small>	9.	A forty minute lesson started at 8:40am When did it end?
10.	<p>Calculate the perimeter of the rectangle below.</p> 		



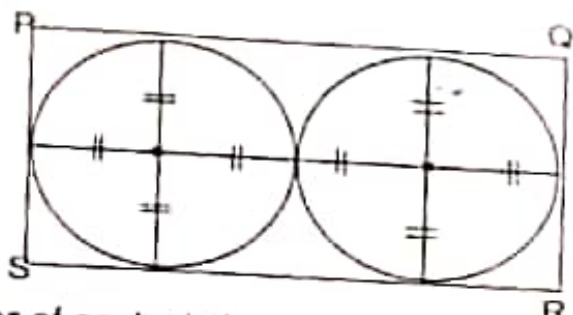
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BUILD CRITICAL THINKING AND EXPERIENCE AS YOU LEARN WITH THE ACTIVITY BOOKS SERIES. 18 REVISION AND PRACTICE EXERCISES

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?  
 b) Find the **profit** he made (03marks)

31 a) Simplify:  $3 + 7$  (02marks)  
 b) The temperature in Kampala was  $8^{\circ}\text{C}$  in the morning and  $27^{\circ}\text{C}$  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 (02marks)



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)

