

TREASURE PREPARATORY SCHOOL

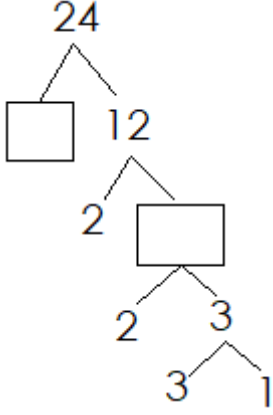
MID TERM III 2022 EXAMINATIONS

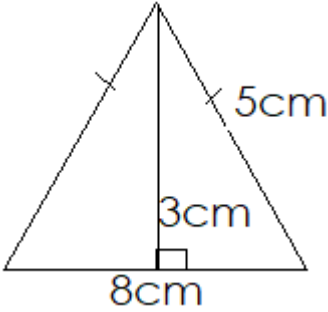
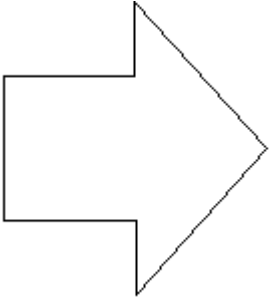
PRIMARY FIVE MATHEMATICS

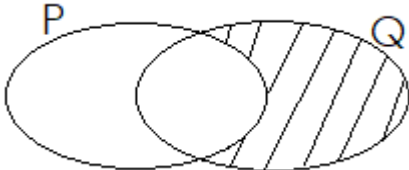
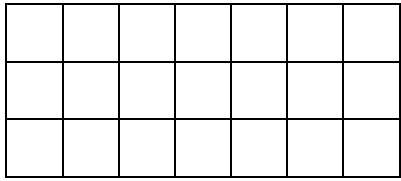
Time Allowed: 2 Hours and 30 Minutes.

Name: _____

SECTION A (40 Marks – 2 Marks Each)

1.	Workout: $\begin{array}{r} 7 \\ \times 2 \\ \hline \hline \end{array}$	2.	Convert 142 into Roman Numerals.
3.	Given that set $M = \{1,2,3\}$. Write down all subsets that can be formed from set M .	4.	Complete the factor tree below. 
5.	A Mathematics test started at 8:30am and ended at 10:55am. How long did the test take?	6.	Draw tallies to represent 18.

7.	Round off 167 to the nearest tens.	8.	7 books cost sh. 3,500. What is the cost of 4 similar books?
9.	<p>Workout the perimeter of the figure below:</p> 	10.	<p>Find the sum of the next two numbers in the sequence: 1,2,6,10,_____,_____</p>
11.	<p>Florence had 30 mangoes. Joan had 64 mangoes. How many mangoes did they have altogether?</p>	12.	<p>How many lines of folding symmetry does the figure below have?</p> 

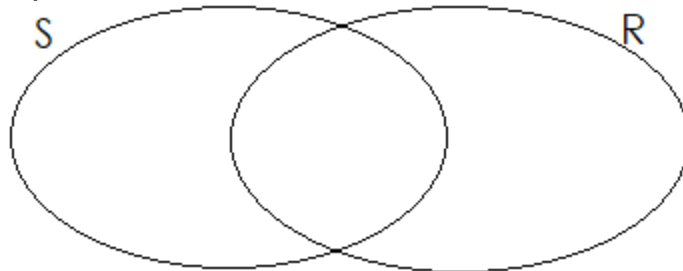
<p>13. Workout $0.4 + 0.3$</p>	<p>14. Using a ruler, pencil and a pair of compasses only, construct an angle of 90°</p>								
<p>15. Subtract:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding-right: 20px;">Kg</td> <td>g</td> </tr> <tr> <td style="padding-right: 20px;">5</td> <td>300</td> </tr> <tr> <td style="padding-right: 20px;">- 3</td> <td>654</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; padding-top: 5px;">_____.</td> </tr> </table>	Kg	g	5	300	- 3	654	_____.		<p>16. Name the unshaded set in the venn diagram below.</p> 
Kg	g								
5	300								
- 3	654								
_____.									
<p>17. Simplify: $-3 - -5$.</p>	<p>18. Given the number 45,398, which digit is in the place value of thousands?</p>								
<p>19. Workout: $12 \div 4 + 2$</p>	<p>20. In the diagram below, shade $\frac{3}{7}$</p> 								

SECTION B (60 MARKS)

Marks for each question are indicated in brackets

21. Given that Set $R = \{1,2,3,4,5,6,7,8\}$, Set $S = \{0,4,8,12,16,20\}$

a) Show the above information on the venn diagram below.



(3 marks)

b) Find $n(S \cap R)$

(2 marks)

22. James went to the shop with sh. 20,000 and bought the following items.

3 books at sh. 900 each book

$1\frac{1}{2}$ kg of rice at sh. 3,000 per kg.

6 pencils at sh. 200 per pencil.

a) How much did James spend altogether? **(4 marks)**

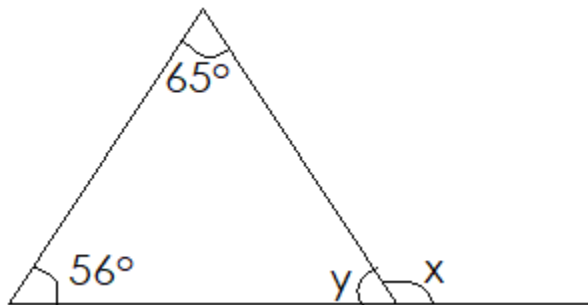
b) What was his change?

(1 mark)

23. a) Using a ruler, pencil and a pair of compasses only, construct a rectangle ABCD in which $AB = CD = 8\text{cm}$, and $BC = DA = 5\text{cm}$. **(4 marks)**

b) Find the area of the rectangle above. **(1 mark)**

24. Study the diagram below and answer the following questions.



a) Find the size of angle y . **(3 marks)**

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

25. a) Given the digits 3, 0 and 5, write down the smallest and the largest 3 – digit numerals that can be formed from the digits. **(2 marks)**

b) Draw an abacus to represent the smallest 3 – digit numeral formed above. **(2 marks)**

c) Write the largest 3 – digit numeral in words. **(1 mark)**

26. Arrange $\frac{4}{5}, \frac{3}{8}, \frac{1}{2}$ in ascending order. **(5 marks)**

27. Solve the following equations:

i) $2x - 5 = 7$

(3 marks)

ii) $y + 6 = 12$

(2 marks)

28. The marks below were scored by a P5 child at Treasure Preparatory School.

Subject	ENG	SST	SCI	MTC	CRE
Marks attained	58	35	43	78	31

a) How many subjects were done recorded? **(1 mark)**

b) Calculate the total mark of the child. **(2 marks)**

c) What was the child's average mark? **(2 marks)**

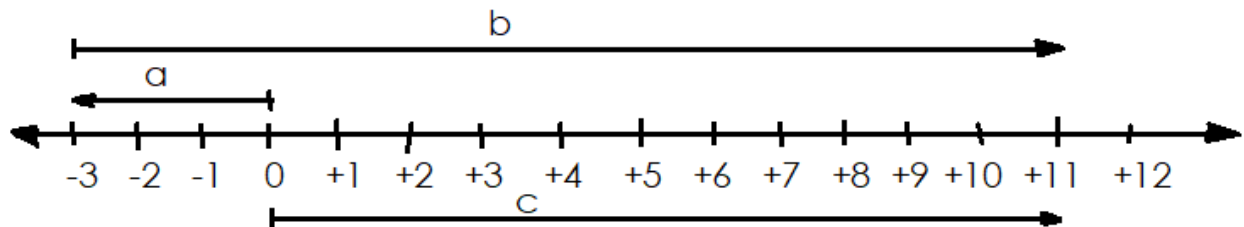
29. Workout the following: **(5 marks)**

$$\begin{array}{r} 46753 \\ + 5421 \\ \hline \end{array}$$

$$\begin{array}{r} 54378 \\ - 6361 \\ \hline \end{array}$$

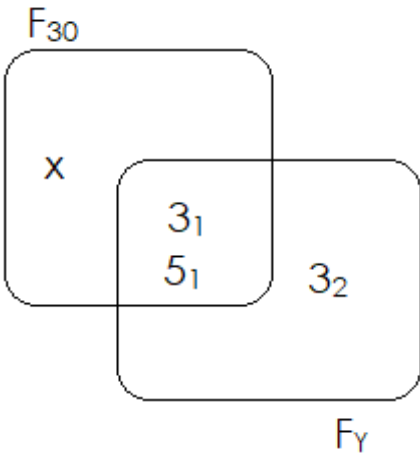
$$\begin{array}{r} 572 \\ \times 13 \\ \hline \end{array}$$

30. Study the number line below and use it to answer the following questions.



- a) Name the integers marked **(3 marks)**
 a _____ b _____ c _____
- b) Write down the mathematical statement represented on the number line above. **(2 marks)**

31. Study the venn diagram below and answer the following questions.



- a) Find the value of Y **(1 mark)**
- b) Find the value of x **(2 marks)**
- c) Find the LCM of 30 and Y. **(2 marks)**

32. Draw the following shapes **(5 marks)**

Circle	Triangle	Square	Rectangle	Rhombus

END