

TREASURE PREPARATORY SCHOOL

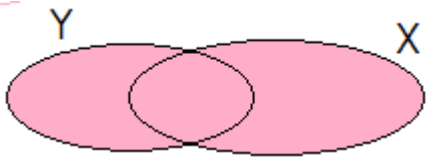
PRE-END OF YEAR EXAMINATIONS 2022

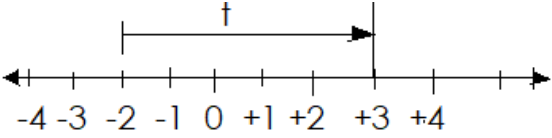
PRIMARY FIVE MATHEMATICS SET ONE

Time Allowed: 2 Hours and 30 Minutes.

Name: _____

SECTION A (40 Marks)

1.	Add: $463 + 27$	2.	Describe the shaded region. 
3.	Add: $\begin{array}{r} 2 \quad 3_{\text{five}} \\ +4 \quad 1_{\text{five}} \\ \hline \end{array}$	4.	Workout: $-8 - +3$.
5.	Find the next number in the sequence: 1, 3, 6, 10, _____	6.	Write 49 in Roman numerals.
7.	Simplify: $\frac{5}{12} + \frac{1}{12}$	8.	Draw an angle of 70°
9.	4 sweets cost 1000/=, find the cost of 3 sweets.	10.	Given that set $W = \{a, b, c\}$, find the number of members in set W.

11.	Arrange in increasing order: -6, 0, -2, 6	12.	Simplify: $7k - 4n + 2k + 6n$.
13.	Ali scored the following marks; 30, 25, 40, 60. Find his total mark.	14.	Multiply: $\frac{2}{3} \times \frac{3}{7}$
15.	Change 2.4cm to mm.	16.	Find the LCM of 12 and 36.
17.	What number has been expanded to give: $2000 + 4 + 700$?	18.	Find the integer represented by t on the number line below. 
19.	Draw a symbol for an empty set.	20.	Workout: $8 \div 4$.

SECTION B (60 Marks)

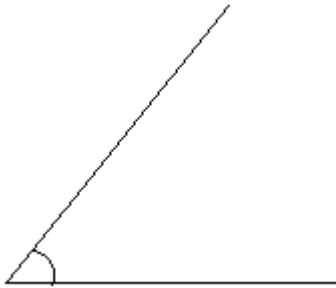
21 At the party, there were 72 guests, $\frac{5}{6}$ were females and the rest were males.

a) Find the fraction for male guests. (2 marks)

b) How many more females than males were at the party? (3 marks)

22 (a) Draw a line of 5cm long. (2 marks)

(b) Measure the angle marked with the arc. (2 marks)



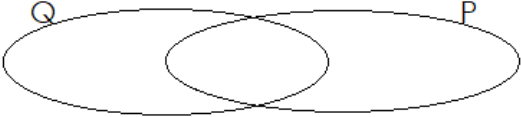
(c) How many degrees are in the marked angle? (1 mark)



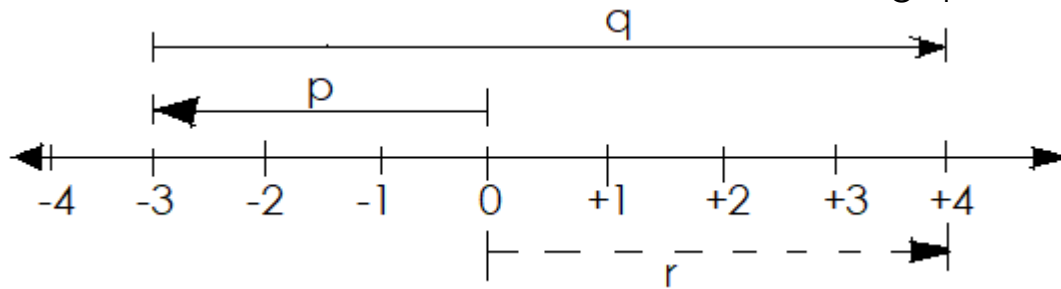
23 The table below shows items bought by Susan.

Items	Quantity	Total
Pens	2 pens	Shs 1,000
Rulers	1 ruler	Shs 700
Books	3 books	Shs 1,800
Pencils	2 Pencils	Shs 200

	<p>a) Find the total amount spent. (2 marks)</p> <p>b) What is the cost of 2 rulers? (2 marks)</p> <p>c) What is the cost of 1 pencil? (1 mark)</p>
24	<p>a) Expand 682 using values. (2 marks)</p> <p>b) Round off 764 to the nearest hundreds. (1 mark)</p> <p>c) Find the value of 4 in the figure 342. (1 mark)</p> <p>d) Write “Nine hundred thousand nine” in figures. (1 mark)</p>

25	<p>Given that set $Q = \{a, b, c, d, e, i\}$. $P = \{z, k, m, n, i\}$</p> <p>a) Show the information on the venn diagram below. (3 marks)</p>  <p>b) Find $n(Q \cup P)$ (2 marks)</p>
26	<p>a) List down numerals used in base five. (2 marks)</p> <p>b) Subtract: $3 \ 4_{\text{five}}$ (2 marks)</p> <div style="margin-left: 100px;"> $\begin{array}{r} 3 \ 4_{\text{five}} \\ -1 \ 2_{\text{five}} \\ \hline \end{array}$ </div> <p>c) What is the next base five number after 4_{five}? (1 mark)</p>
27	<p>a) Write down the factors of 12. (1 mark)</p> <p>b) Find the next number in the sequence. (2 marks)</p> <p>1, 4, 9, 16, _____</p> <p>c) Workout the difference between the first and the fourth even number. (2 marks)</p>

28 Use the number line below to answer the following questions.



a) Find the value of;

(i) p _____ (1 mark)

(ii) q _____ (1 mark)

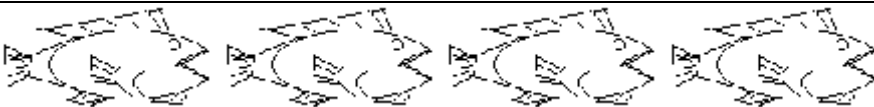


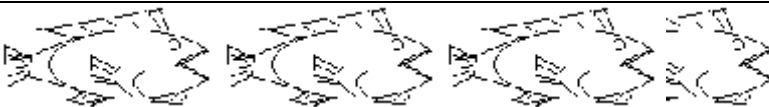
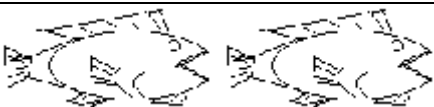
(iii) r _____ (1 mark)

b) Write the mathematical statement shown on the number line.
(2 marks)

29 a) Construct a regular hexagon using radius 3cm using a pair of compasses and a ruler only. (3 marks)

b) Find the perimeter of the hexagon above. (2 marks)

30 Study the graph below and answer the following questions.

Joseph	
Betty	
Titus	
Oliver	
John	



Represents 20 fish



Represents 10 fish.

a) Who had the highest number of fish? (1 mark)

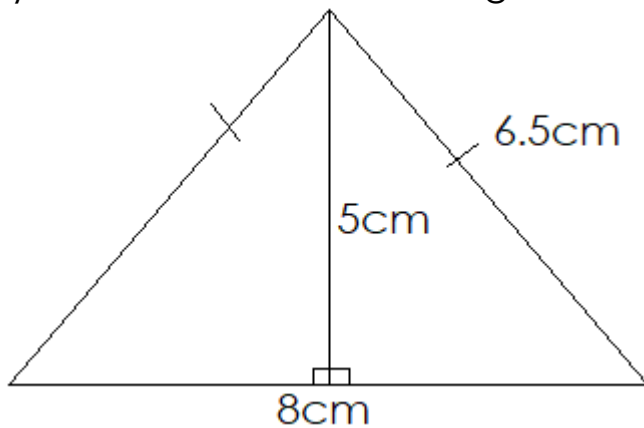
b) How many fish did John and Oliver have altogether? (2 marks)

c) How many more fish did Joseph have than Betty? (2 marks)

31 a) Solve for y: $6y + 2 = 26$. (3 marks)

b) The perimeter of a rectangle is 36cm, its length is 10cm. Find its width. (2 marks)

32 a) i) Find the area of the triangle below. (2 marks)



ii) Find its perimeter. (2 marks)

b) How many line of folding symmetry has an equilateral triangle? (1 mark)