HORMISDALLEN SCHOOLS
RECESS PACKAGE - 2020

P.6 MATHEMATICS (SET ONE)

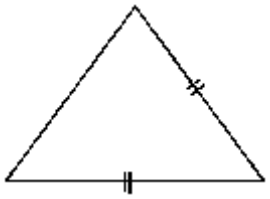
Project work

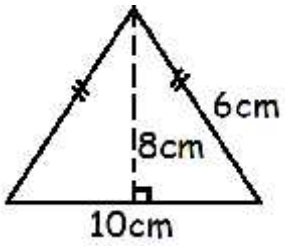
Using different sources, i.e text books and internet find out the following;

1. Definition of a triangle.
2. Draw and name types of triangles and their definitions.
3. The uses of triangles in our daily life.
4. Give examples and draw where necessary.

P.6 MATHEMATICS (SET ONE)

Section A

1.	Work out: 23 + 11	**2.**	Find the place value of 4 in 3465.
3.	Given that; Set A = {a , b , c , d , e } and set B = { a , e , 2 ,4 }. Find n(A ∩ B).	**4.**	Simplify: 2m + x – m + 2x
5.	Write 46 in Roman numerals.	**6.**	How many grams are in $2\frac{1}{2}$ kgs?
7.	How many lines of folding symmetry does the triangle below have? 	**8.**	Find the L.C.M of 12 and 16.
9.	Workout: 4 – $^{-}2$	**10.**	Write the next number in the sequence below. 2 , 3 , 5 , 7 , 11 , ___

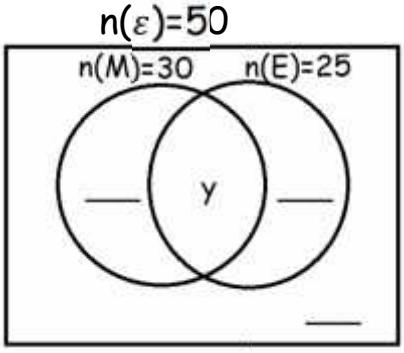
11.	Solve: 2 – k = 6	**12.**	Change $2\frac{1}{6}$ to an improper fraction.
13.	If set M has 16 subsets, find the number of elements in set M.	**14.**	Jane and Paul shared 364 sweets, how many sweets did each get?
15.	Find the perimeter of the figure below.  	**16.**	What morning time is shown on the clock face below? 
17.	Find the average of 3, 4, 5 and 0.	**18.**	Write the value of 2 in 31.32
19.	Draw an angle of 120^0 in the space below.		

20. If  represents 4 chairs, draw pictures to represent 12 chairs.

Section B

21. In a P.6 class of 50 pupils, 30 like Maths (M), 25 like English (E), y like both subjects and, and 5 like neither of the two subjects.

(a) Complete the Venn diagram below.



(b) Find the number of pupils who like both subjects.

22. (a) What number has been expanded to give;
(2 x 1000) + (3 x 10) + (7 x 100)

(b) Change 212_{five} to base ten.

(c) Round off 324 to the nearest tens.

23. (a) Workout: $321 - 34$

(b) A soda factory can pack 200 bottles of soda in a minute. How many bottles can the factory pack in 1 hour?

24. The sum of 3 consecutive odd numbers is 33.

(a) Find the numbers.

(b) Find the range of the numbers.

25. In a class of 40 pupils, $\frac{1}{4}$ of them are boys and the rest are girls.

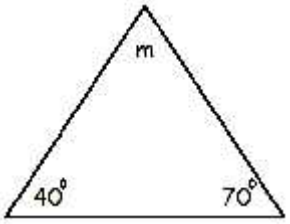
(a) Find the fraction of girls.

(b) Find the number of boys in that class.

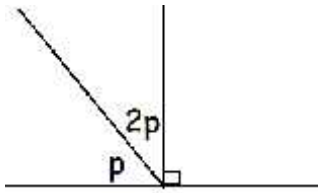
(c) How many more girls are there than boys?

26. Find the value of the unknown in the figure below.

(a)



(b)



27. Promise went to the shop and bought the following;

- 2 kgs of sugar at Sh. 4000 per kg.
- 1 $\frac{1}{2}$ kg of meat at Sh. 8000 per kg.
- 200 g of salt at Sh. 1000.

(a) Find her total expenditure.

(b) If she went with 2 notes of Sh. 10,000, how much more money does she need to completely pay the bill?

28. Given that; $x = 4$, $y = 3$ and $z = {}^{-}2$.

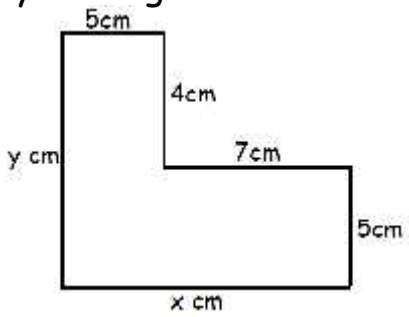
(a) Find the value of $2x + y$

(b) Workout the value of $xy - z^2$

29. (a) A man drove from Luweero to Kampala a distance of 120km in 2 hours. Find his average speed.

(b) A lesson of 45 minutes started at 9:30am, when did it end?

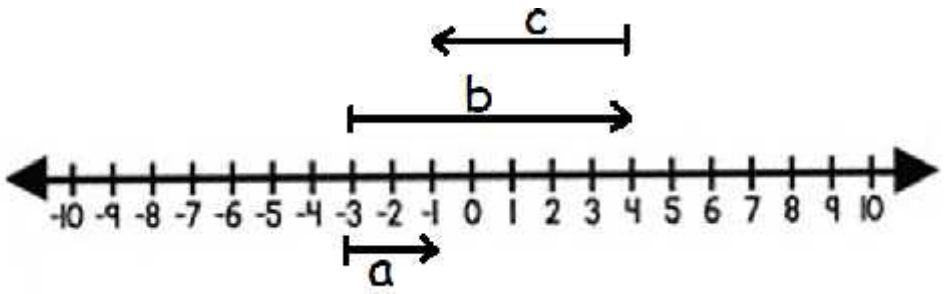
30. Study the figure below and answer questions that follow.



(a) Find the value of x and y.

(b) Find the area of the figure above.

31. Study the numberline below and answer questions that follow.

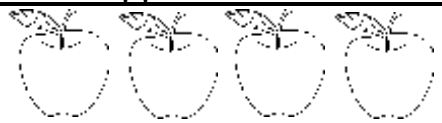
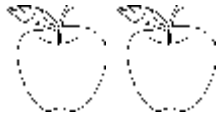
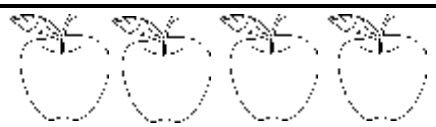


(a) Write the integers represented by;

a = b = c =

(b) Write a mathematical statement shown on the numberline above.

32. The graph below shows the number of apples given by the teachers to the pupils.

Name	No. of apples
Prince	
Elijah	
Promise	
Nicole	
Farah	

If  represents 10 apples,

(a) Who got the highest number of apples?

(b) Which children got the same number of apples.

(c) Find the total number of apples given to all children.