Subject: Mathematics   **WORKSHEET- 2022 - 23**
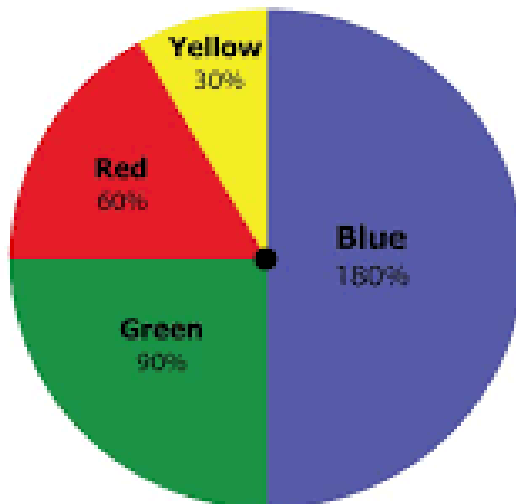
Answer the following:

1 . The additive inverse of -5/9 is -----------.

2. The product of two rational number is always a----------- (Decimal number /Rational number)

3. If 8x -2 =25 +17x,then x is ------(x= -3 /x =3).

4. Whether all rectangles are parallelograms. Give reasons.

5. What is the probability of choosing a vowel from the Alphabets ?(21/26 ,5/26)

6. Observe the given figure and answer the following questions

(i)   Find the number of people preferred by Red colour?

(ii) Which colours are preferred by most of the people?

(iii) Find the total number of people preferred by yellow?

(iv) Which colour is preferred least?

7. Draw 2 convex and concave polygons.

8. What is the probability of getting a tail when tossing a coin?

9. Construct a Rhombus WEST , WE = 4.5 cm ; ET = 6 cm.

10. Complete the boxes:

Number	Square number	Cube number
15		
25		
90		
42		
27		

11. Find the smallest square number that is divisible by each of the numbers 4, 9 and 10.

12 Without adding find the sum :

$1 + 3 + 5 + 7 + 9 + 11 + 13 + 15 + 17 + 19$

13. In a school, only 3 out of 5 students can participate in a competition . What is the probability of the students who do not make it to the competition.

14..Write the properties of Quadrilateral.

QUADRILATERAL	PROPERTIES