

Grade- VIII

MATHS

1. Collection of information in numerical form is known as data . data is collected in forms
 - a. Primary data
 - b. Secondary data

2. Mean : mean of data is average of observation

$$\text{Mean} = \frac{\text{sum of all observation}}{\text{number of observation}}$$

Median: median of a group of observation the value of the variable which divides the group in two equal parts.

Mode: Mode is a set of observation is the value of the observation that occur most frequently

6. $\frac{x+x+4}{2} = 12$

$$x = 10$$

7. Mean of 10 numbers = 20

Sum of 10 numbers = 200

$$\text{New mean} = \frac{200-50}{10}$$

8. Frequency
9. Central angle for a component

$$= \left[\frac{\text{value of the components}}{\text{sum of all components}} \times 360 \right]^0$$

10. Highest observation - least observation