

3.  $x$ : 6 9 10 12 18 19 23 23 24 28 37 48 49  
53 60 ~~50~~

$$\begin{aligned}\therefore \sum x &= 6 + 9 + 10 + 12 + 18 + 19 + 23 + 23 + 24 + 28 + 37 + 48 + 49 \\ &\quad + 53 + 60 \\ &= 419\end{aligned}$$

$$n = 15$$

$$\therefore \bar{x} = \frac{\sum x}{n} = \frac{419}{15} = 27.93 \text{ marks Ans}$$

4.  $x$ : 96 180 98 75 270 80 102 100 94 75 200 610

$$\begin{aligned}\sum x &= 96 + 180 + 98 + 75 + 270 + 80 + 102 + 100 + 94 + 75 + 200 + 610 \\ &= 1980\end{aligned}$$

$$n = 12$$

$$\therefore \bar{x} = \frac{\sum x}{n} = \frac{1980}{12} = 165 \text{ Ans}$$