

1) The ages of 8 teachers in a school are as follows, calculate the Mean and median of the ages?

27, 41, 32, 53, 40, 38, 51, 30

$$\text{Ans) Mean} = \frac{\text{Sum}}{\text{no. of terms}} = \frac{27 + 41 + 32 + 53 + 40 + 38 + 51 + 30}{8}$$
$$\text{Mean} = \underline{\underline{39}}$$

Median = 27, 30, 32, 38, 40, 41, 51, 53

$$= \frac{38 + 40}{2} = \underline{\underline{39}}$$
$$\text{Median} = \underline{\underline{39}}$$

2) The heights of 10 students in a class are in Arithmetic sequence, calculate the mean and median of the heights?

135, 140, 145, 150, 155, 160, 165, 170, 175, 180

$$\text{Ans) Mean} = \frac{135 + 140 + 145 + 150 + 155 + 160 + 165 + 170 + 175 + 180}{10}$$
$$= \underline{\underline{157.5}}$$

$$\text{Median} = \frac{155 + 160}{2} = \underline{\underline{157.5}}$$