

* The ages of 15 workers in a company are given below. Find the median age.

Ans)

Age	No. of workers
less than 30	4
less than 40	9
less than 50	15
Total	15

Age	No. of workers
20-30	4
30-40	5
40-50	6

$$\frac{15+1}{2} = \underline{\underline{8}}$$

∴ 8th worker's age is the median age.
It is between 4 and 9 or 30 and 40

Difference in age from 30 to 40 = 10

No. of workers between age 30 and 40 = 5

Age of 5th worker = 30.5

∴ Age of 8th worker = 33.5

Median age = 33.5