Codeyoung

Application _ Grade 9 _Statistics Mean

1. There are 100 students in a class. 40 of them are girls. The average marks of the boys in science is 75% and that of the girls is 65%. Find the average marks of the class in science.

2. The mean of 5 observations of student marks was calculated as 145, but it was later on detected that one observation was misread as 45 in place of 25. Find the correct mean of the observations.

3. The mean of 40 observations of a data was calculated as 16.5. Later it was noticed that a value 20.4 was wrongly read as 16.4. Find the correct mean.

4. A class consists of 50 students out of which 30 are girls. The mean of marks scored by girls in a test is 73 and that of the boys is 71. Find the mean score of whole class.

5. The mean of monthly salary of 12 employees of a firm is 14,500. If one more person joins the firm who gets 18,400 per month, then what will be the mean monthly salary now.

6. The average height of 30 students is 150 cm. It was later detected that one observation 165 cm was wrongly copied as 135 cm. Find the correct mean height.

7. A cricketer has a mean score of 58 runs in nine innings. Find out how many runs are to be scored in the tenth inning to raise his mean score to 61.

8. Five people were asked about the time in a week they spend in doing social work in their community. They said 10, 7, 13, 20, and 15 hours, respectively. Find the mean (or average) time in a week devoted by then for social work.