

Board – ICSE

Class – IX

Topic – Mean and Median

1. Find the mean of the first six multiples of 4.
2. If the mean of 9, 8, 10, x , 12 is 15, find the value of x .
3. The mean of 40 numbers was found to be 38. Later on, it was detected that a number 56 was misread as 36. Find the correct mean of given number.
4. The mean of the heights of 6 boys is 152 cm. If the individual heights of five of them are 151 cm, 153 cm, 155 cm, 149 cm and 154 cm, find the height of the sixth boy.
5. The mean of eight numbers is 25. If five is subtracted from each number, what will be the new mean?
6. On his first three quizzes, Patrick earned a 15, 18, and 16. (A perfect score would have been 20 points.) What does he need to earn on the next quiz to have a mean score of at least 17?
7. Find the mean of the following data: 0, 5, 2, 4, 0, 5, 0, 3, 0, 5, 0, 3
8. Find the median of the following data: 1, 6, 12, 19, 5, 0, 6
9. Find the median of the values 5, 7, 10, 20, 16, 12
10. The median of observation 10, 11, 13, 17, $x + 5$, 20, 22, 24 and 53 (arranged in ascending order) is 18. find the value of x

ANSWER

1. 14
2. $x = 36$
3. 38.5
4. 150cm
5. 20
6. 19
7. 2.25
8. 6
9. 11
10. $x = 13$