

Name - _____

Start time - __ : __

End time - __ : __

Find mode, median, mean and range :

1. The daily temperatures (in °C) recorded in a city for a week are 25, 26, 28, 29, 31, 32, and 35. Calculate the mean, median, mode, and range of the temperatures.
2. The test scores of a class are 85, 89, 92, 78, 86, 92, 90, 82, 92, 88, and 94. One student's test score was recorded incorrectly as 82 instead of 92. Recalculate the mean, median, mode, and range after correcting the error.
3. The number of books read by a group of students in a month follows a Poisson distribution with a mean of 3. Calculate the range within which approximately 90% of the students' book readings lie.
4. The weights (in kg) of a sample of fruits are 12, 14, 16, 16, 18, 20, 20, 20, 22, 26, and 30. If the heaviest fruit weighing 30 kg is removed from the data set, how does it affect the mean, median, mode, and range?
5. The temperatures (in °C) recorded in a city for a month are 25, 26, 28, 29, 31, 32, 35, 40, 42, and 45. If an additional temperature of 50°C is recorded, how does it affect the mean, median, mode, and range?
6. The scores obtained by a student in five subjects are 85, 92, 78, 86, and 90. If an additional subject score of 98 is obtained, how does it affect the mean, median, mode, and range of the scores?

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