

Name - _____

Start time - __: __

End time - __: __

Find mode, median, mean and range :

1. Calculate the mean of the following set of numbers: 12, 14, 18, 20, 16.
2. Determine the mode of the set: 5, 8, 2, 6, 8.
3. What is the median of the following set of numbers: 5, 3, 9, 3, 7?
4. Identify the mode of the data set: 3, 7, 5, 3, 9.
5. Given the range of a set is 20, and the largest value is 35, what is the smallest value in the set?
6. The mean of five numbers is 30. If four of the numbers are 25, 28, 32, and 35, what is the value of the fifth number?
7. Find the range of the data set: 4, 6, 8, 10, 12.
8. Calculate the mean of the following set of numbers: 3, 5, 7, 9, 11.

CHALLENGE

1. The heights (in cm) of a group of students are normally distributed with a mean of 160 and a standard deviation of 10. Calculate the range within which approximately 68% of the heights lie.
2. The ages of a group of people are normally distributed with a mean of 40 and a standard deviation of 5. Find the range within which approximately 95% of the ages lie.
3. The test scores of a class have a skewed distribution with a mean of 75 and a mode of 80. Explain how the skewness affects the median and range of the test scores.

1

2

3

4

5

6

7

8

9