

Name \_\_\_\_\_

## Unlocking the Mystery of Mean, Median, and Mode

### Multiple Choice Questions

1. What does the mean represent in a data set?
  - a) The middle value
  - b) The most frequent value
  - c) The average value
  - d) The highest value
  
2. How is the median calculated in a data set with an even number of values?
  - a) By finding the middle value
  - b) By taking the average of the two middle values
  - c) By selecting the highest value
  - d) By adding all values together
  
3. Which measure of central tendency identifies the most frequent value in a data set?
  - a) Mean
  - b) Median
  - c) Mode
  - d) Range
  
4. What is the mode of the data set: 4, 6, 6, 8, 10, 10, 10?
  - a) 4
  - b) 6
  - c) 8
  - d) 10
  
5. In which scenario is the mean the most appropriate measure of central tendency?
  - a) Analyzing the salaries of a company's employees
  - b) Identifying the middle value of students' test scores
  - c) Finding the most frequently occurring number in a lottery draw
  - d) Calculating the range of temperatures over a week

