

Name \_\_\_\_\_

## Finding the Middle: Exploring Measures of Central Tendency

### Multiple Choice Questions

1. What is the mean?

- A) The middle value in a dataset.
- B) The number that appears most frequently.
- C) The sum of all values divided by the total number of values.
- D) The average of the two middle numbers.

2. How is the median calculated?

- A) By arranging the numbers from smallest to largest and finding the middle value.
- B) By counting how many times each number appears.
- C) By finding the sum of all values.
- D) By dividing the dataset into two equal parts.

3. What does the mode represent?

- A) The middle value in a dataset.
- B) The number that appears most frequently.
- C) The average of all values.
- D) The sum of all values divided by the total number of values.

4. If there are two middle numbers in a dataset, how is the median calculated?

- A) By taking the average of the two middle numbers.
- B) By choosing the smaller of the two middle numbers.
- C) By ignoring one of the middle numbers.
- D) By adding the two middle numbers together.

5. When is a dataset considered multimodal?

- A) When there is no middle value.
- B) When there are multiple middle values.
- C) When all numbers in the dataset are the same.
- D) When there is more than one number that appears most frequently.

