

Elementary Statistics Fundamentals

Statistics · Practice Test · 6 Questions

1. In statistics, what is the 'mode' of a data set?

- A) The value that appears most frequently
- B) The middle value when ordered
- C) The sum of all values divided by count
- D) The difference between maximum and minimum

2. How is the range of a numerical data set calculated?

- A) Multiply the middle value by two
- B) Subtract the lowest value from the highest value
- C) Add all data values together
- D) Find the value that occurs most often

3. What number is represented by four vertical tally marks with a fifth diagonal mark crossing them?

- A) 4
- B) 10
- C) 5
- D) 1

4. To calculate the mean of a set of numbers, what steps must be taken?

- A) Find the difference between the largest and smallest numbers
- B) Identify the number in the exact middle of the list
- C) Find the number that appears most often in the set
- D) Add all the numbers together and divide by the total count

5. In a pictograph, what component explains the quantity represented by each symbol?

- A) The key (or legend)
- B) The vertical axis label
- C) The graph title
- D) The sample size

6. When finding the median of a data set, what step must be completed first?

- A) Add all the numbers together
- B) Arrange the numbers in order of size
- C) Divide all values by two
- D) Round every number to the nearest ten