

Fun Facts in Statistics

Statistics · Answer Key · 8 Questions

1. What is the name for the middle value in a dataset when the numbers are arranged in order?

- A) Mean
- B) Mode
- C) Median**
- D) Range

2. Which type of chart uses rectangular bars to represent data, with the height of each bar showing the frequency of a category?

- A) Pie Chart
- B) Line Graph
- C) Bar Chart**
- D) Scatter Plot

3. What is the most frequent value in a dataset called?

- A) Median
- B) Mean
- C) Outlier
- D) Mode**

4. If you flip a fair coin, what is the probability of getting heads?

- A) 1 in 3
- B) 1 in 2**
- C) 1 in 4
- D) 1 in 10

5. What is the difference between the highest and lowest values in a dataset called?

- A) Average
- B) Mode
- C) Median
- D) Range**

6. A Venn diagram uses circles to show the relationship between different sets of what?

- A) Numbers
- B) Data**
- C) Shapes
- D) Colors

7. What does the 'mean' of a dataset represent?

- A) The most common number
- B) The middle number
- C) The average of all numbers**
- D) The spread of the numbers

8. In a pie chart, each slice represents a proportion of the whole. What does the entire pie represent?

- A) The median value
- B) The range
- C) The total amount or 100%**
- D) The mode