CALIFORNIA STATISTICS · UNIT 1 · 10 QUESTIONS

Exploring Data and Distributions — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A distribution is skewed right. The median is usually**

- **A** Equal to the range
- **B** Less than the mean
- **C** Greater than the mean
- **D** Equal to zero

Understand It with Pulse | Flag a mistake

2

A parameter describes a

A Graph

B Survey only

C Sample

D Population

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3

A statistic describes a

A Census only

B Sample

C Theory

D Population

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4 **In a group of 80 students, 32 prefer reading. The relative frequency as a decimal is**

ANSWER _____

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5 **The mean of 20, 30, 40, 50, 60 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The median of 9, 13, 17, 21, 25 is**

ANSWER _____

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7 **In a frequency table, the counts 4, 11, and 5 add to a total of**

ANSWER _____

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8 **Which display best shows the center and spread with quartiles?**

- A A pie chart
- B A scatterplot
- C A boxplot
- D A bar chart

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9 **A convenience sample is most likely to be**

- A An experiment
- B Perfectly representative
- C Biased
- D A census

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10 **The interquartile range is resistant to outliers because it uses only the**

A Middle half of the data

B Total

C Extremes

D Mean

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ANSWER KEY

1.	B	**5.**	40	**9.**	C
2.	D	**6.**	17	**10.**	A
3.	B	**7.**	20		
4.	0.4	**8.**	C		

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