ILLINOIS GEOMETRY · UNIT 4 · 5 QUESTIONS

Data Analysis and Probability — 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 **The data are 5, 10, 15, and 20. The mean is**

- A 10
- B 12.5
- C 15
- D 50

Understand It with Pulse | Flag a mistake

2 **The data are 8, 3, 11, 5, and 9. The median is**

- A 5
- B 9
- C 8
- D 11

Understand It with Pulse | Flag a mistake

3 **The data are 4, 4, 7, 9, 4, and 7. The mode is**

- A 7
- B 9
- C 2
- D 4

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4 **The data are 1, 3, 5, 7, 9, 11, and 13. The first quartile is 3 and the third quartile is 11. The interquartile range is**

A 8

B 10

C 4

D 12

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5 **A single white die with black pips sits on a green felt table. A fair six sided die is rolled once. The probability of rolling an even number is**



A $\frac{1}{6}$

B $\frac{1}{2}$

C $\frac{1}{3}$

D $\frac{2}{3}$

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ANSWER KEY

1. B
2. C
3. D
4. A
5. B

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