ALABAMA ALGEBRA II WITH STATISTICS · UNIT 4 · 5 QUESTIONS

Statistics 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 **A spinner has equal sections numbered 5, 10 and 15. The mean of 5, 10, 15 is**



A 5

B 15

C 10

D 20

Understand It with Pulse

Flag a mistake

2 **The median of 8, 3, 11, 5 is**

A 6.5

B 8

C 11

D 5

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3 **The range of 12, 18, 7, 25 is**

A 25

B 7

C 13

D 18

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4 **In a normal distribution, about what percent of values lie within two standard deviations of the mean?**

- A 99.7%
- B 68%
- C 50%
- D 95%

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5 **For a score of 80 in a distribution with mean 60 and standard deviation 10, the z-score is**

- A 1
- B 20
- C 2
- D 0.5

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ANSWER KEY

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

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