CALIFORNIA STATISTICS · UNIT 1 · 5 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 **The mean of 8, 12, 16, 20, 24 is**

- A 14
- B 18
- C 16
- D 12

Understand It with Pulse | Flag a mistake

2 **The median of 7, 11, 15, 19, 23, 27 is**

A 15

B 17

C 23

D 19

Understand It with Pulse | Flag a mistake

3 **The range of 13, 21, 29, 37 is**

A 37

B 24

C 21

D 13

Understand It with Pulse | Flag a mistake

4 **Standard red octagonal STOP road sign, front view, the word STOP in clean white capital letters, mounted on a plain metal pole, large in frame and centred, plain pale sky background, no people, bright daylight. For a score of 74 in a distribution with mean 60 and standard deviation 7, the z-score is**



A 14

B 3

C 2

D 1

Understand It with Pulse | Flag a mistake

5 **In a normal distribution with mean 200 and standard deviation 20, a value 1 standard deviation above the mean is**

A 240

B 200

C 180

D 220

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.