



Name _____ Class _____ Date _____

1 The range of set 1 is **22**.
The range of set 2 is **15**.
What does this tell about the data?

- A Set 1 is more clustered.
- B Set 2 is more spread out.
- C Set 1's mean is 22.
- D Set 2 is more clustered.

2 The **interquartile range** is the **middle 50%** of the data.
What is the interquartile range for the following fifteen quiz scores?

26, 29, 13, 42, 49, 27, 18,
45, 38, 24, 49, 21, 27, 17, 33

- A 13
- B 21
- C 27
- D 42

3 What is the **interquartile range** of the data shown in the bar graph?

- A 1
- B 2



4 The **variance** tells **how close** data is to the mean.

True or false?

5



PREVIEW

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7

- A true
- B false

- B 5.9
- C 15.68
- D 61.5

9

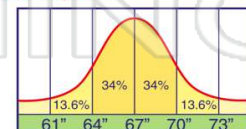
The mean of a set of data of bowling scores for 50 people is **137**. The standard deviation is **10**. What are the scores that fall between **one standard deviation of the mean**?

- A 137 - 147
- B 127 - 137
- C 132 - 142
- D 127 - 147

10

The bell curve shows a normal distribution for height of adults. The mean of the data is **67 inches** and the standard deviation is **3 inches**. What is the **range** of height for **68%** of the adults sampled?

- A 5'1" - 5'4"
- B 5'4" - 5'7"
- C 5'4" - 5'10"
- D 5'7" - 6'1"





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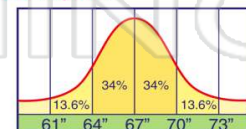
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