

Quiz 2 - February 9

Instructions

1. Please read each question carefully and answer to the best of your ability.
2. Write your name here: _____
3. You may simplify to least common denominator and to the radical expression, \sqrt{xxx} , if necessary.

Question 1

What is the median of the following set of numbers: 3, 7, 5, 9, 1?

Question 2

What is the mean of the following set of numbers: 4, 8, 6, 10, 2?

Question 3

What is the mode of the following set of numbers: 2, 4, 6, 4, 8, 2, 4?

Question 4

What is the mode of the following set of numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9?

Question 5

What is the median of the following set of numbers: 10, 20, 30, 40, 50, 60?

Question 6

What is the mode of the following set of numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 1, 2?

Question 7

What is the mean of the following set of numbers: 5, 10, 15, 20, 25?

Question 8

What is the median of the following set of numbers: 5, 10, 15, 20, 25?

Question 9

What is the mode of the following set of numbers: 5, 10, 15, 20, 25?

Question 10

What is the standard deviation of x if the variance of x is 100?

Question 11

What is the variance of x if the standard deviation of x is 5?

Question 12

- If the sum of squared deviations from the mean is 1000 and the number of observations is 11, what is the sample variance?

Question 13

From the question above, what is the sample standard deviation?