

Names: _____

Activity #1: Basic Parameters

Statistics

1. Find the mean of the following list of numbers.

6, 12, 10, 12, 10, 13, 8, 15

2. Find the mean of the following list of numbers.

96, 81, 92, 70, 66, 89, 73, 91, 72, 89

3. Find the mean of the following list of numbers.

5, 3, 4, 2, 5, 2, 3, 2

4. Find the mean deviation of the following list of numbers.

9, 13, 11, 8, 14

5. Find the mean deviation of the following list of numbers.

4, 4, 4, 4, 6, 3

6. Find the standard deviation of the following list of numbers.

15, 13, 9, 5, 6

7. Suppose we have collected the following list of numbers.

9, 22, 7, 7, 4, 5, 13, 3, 12, 25

Compute the z-scores of 3 and 27 with respect to this list.

8. Suppose we have collected the following list of numbers.

9, 6, 9, 5, 7, 8, 5, 7, 8, 6

Compute the z-scores of 3 and 12 with respect to this list.

9. Find the coefficient of variation of the following list of numbers.

16, 14, 18, 15, 18, 18

10. Find the coefficient of variation of the following list of numbers.

8, 4, 6, 6, 8, 9, 5