Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sect \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Standard Deviation: A quantity calculated to represent the extent of how far numbers in a set are from the mean. The bigger number, the less consistent the numbers in the set.

Calculate the standard deviation for the following sets:

103, 107, 98, 92, 109, 100

Mean: Standard Deviation:

103, 107, 98, 92, 109, 100, 7

Mean: Standard Deviation:

1, 2, 98, 99, 50, 25, 75

Mean: Standard Deviation:

48, 51, 50.5, 50, 50.5, 50

Mean: Standard Deviation: