Standard Deviation

1. A measure indicating how much the data in a set varies from the mean is called the

a. standard deviation.
b. outliers.
c. average.
d. variables.

2. In a data set, the closer the data is to the mean, the smaller the standard deviation.
a. True
b. False

3. Which statement describes this data set?   10, 10, 10, 10, 10

a. A mean of 10 and a standard deviation of 10
b. A mean of 50 and a standard deviation of zero
c. A mean of 10 and a standard deviation of zero