

## **Answer on Question #61815 – Math – Statistics and Probability**

### **Question**

If an additional data value that is far below the rest of the data is added to a data set, then the standard deviation will be increased.

### **Solution**

A larger standard deviation means the data is more spread out. Since an additional data value is far below the rest of the data the data became more spread out. Therefore, the standard deviation will be increased.