

How to find the Five-Number Summary, Mean, Standard Deviation:

(Section 2.4 – Practice with Example 1 from Take It Home Part 1)

- You are given a list of data in random order (order of data does not matter)

Now in the calculator...

STAT – ENTER (to select 1:Edit)

In L_1 (List 1), enter the Data list. (Type a data value, then ENTER, then the next data value, then ENTER...)

2nd – QUIT (This gets you back to the 'Main' screen)

STAT -- ⇒ (To get to CALC) – **1** (To select 1:1-VarStats)

2ND – 1 (This types in L_1 for where your data is listed)

Then hit **ENTER** or scroll down to blink on Calculate then hit **ENTER** (This step depends on your calculator type)

Did you want to find the Sum of a Column? Look for $\Sigma x =$

Did you want to find the Number of Data Values? Look for $n =$

Did you want to find the Mean? Look for $\bar{x} =$

Did you want to find the Minimum value? Look for $\min X =$

Did you want to find the Q_1 ? Look for $Q_1 =$

Did you want to find the Median (remember this is also the Q_2)? Look for $\text{Med} =$

Did you want to find the Q_3 ? Look for $Q_3 =$

Did you want to find the Maximum value? Look for $\max X =$

Did you want to find the Standard Deviation of a Sample? Look for $S_x =$

Did you want to find the Standard Deviation of a Population? Look for $\sigma_x =$