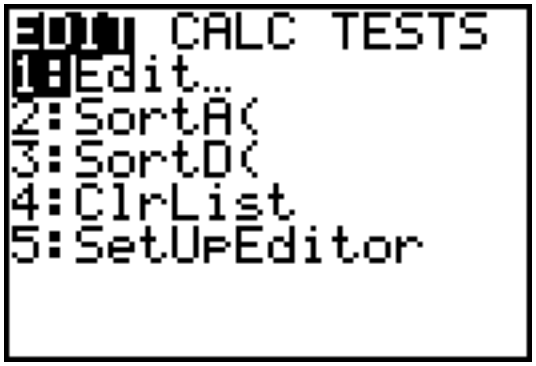
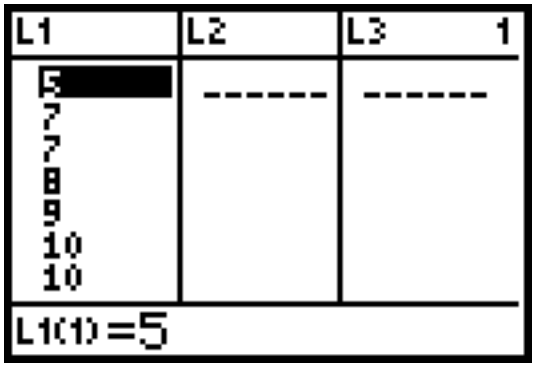
HOW TO COMPUTE ONE-VARIABLE STATISTICS ON A GRAPHING CALCULATOR

You can use your calculator's statistics functions to compute one-variable statistics, such as the mean, median, and standard deviation. The directions below are for the TI-83 and TI-83+, but can easily be adapted to other models.

The first step is to enter your data into a "list." Press the [STAT] key to bring up the following screen:



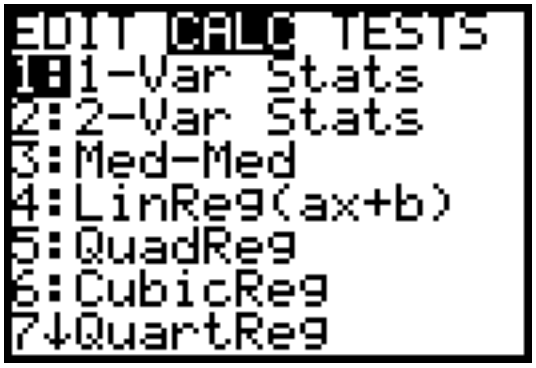
Since the **EDIT** menu is already selected, as is **1:Edit** on that menu, simply press [ENTER] to go the following screen:



Enter your data, one by one, by using the number keys on your calculator, pressing the [ENTER] key after each piece of data.

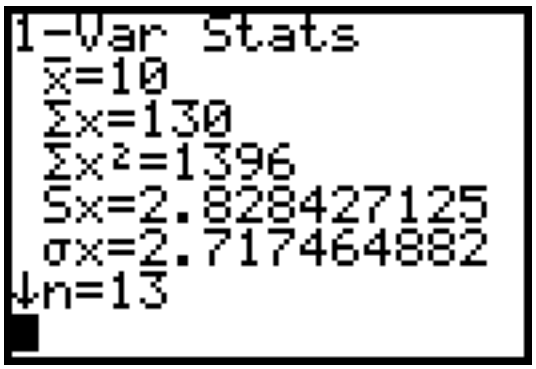
Once the data have been entered, you are ready to compute the statistics. Press the [STAT] key again to bring up the same screen as before, but this time, use the right arrow key [▶] to move over to the **CALC** menu, as shown below:

R.S. Schaeffer. Kutztown University



Since **1:1-Var Stats** is already selected, press the [ENTER] key. At this point, you have to tell the calculator which list you want to use. Since we stored our data in **L1**, press [2nd] [L1] (the second function on the [1] key), and then press [ENTER]. (NOTE: If you don't enter a list name, the calculator will assume you want to use **L1**.)

You should now see the following screen:



To see the rest of the statistics for this data set, use the down arrow key [▼] to scroll through the rest: