

## Calculator Tips

To clear any lists in the calculator (This should be done at the start of class).  
**2<sup>nd</sup>** **+** scroll down to 4:ClrAllLists **ENTER** **ENTER**  
Calculator should read "Done"

### Entering a list

**STAT** 1:Edit Enter x values in L1 (Hit **ENTER** in between each entry). Enter y values in L2 (Hit **ENTER** in between each entry). **2<sup>nd</sup>** **MODE** to exit that screen (Don't worry, this does not delete your lists).

To see statistical values for the data (Mean, Median, Max, Min, Q1, and Q2)

**STAT** use arrows to highlight Calc at the top 1:1-Var Stats **ENTER** **2<sup>nd</sup>** **1** **ENTER**

Scroll down to find:

$\bar{X}$ : mean

Min X: smallest value

Q1: first quartile value

Med: median

Q3: third quartile value

Max X: largest value

### Making a Box Plot

\*Assume that you have already followed the above directions for inputting data in L1.

1. Tell the calculator you want a box plot by...

**2<sup>nd</sup>** **Y=** **ENTER**

Use the arrows to highlight On and hit **ENTER**

Use the arrows to highlight Type: the box plot symbol (the first one) and hit **ENTER**

Use the arrows to highlight Mark:  $\square$  and hit **ENTER**

**2<sup>nd</sup>** **MODE** to exit that screen.

2. Now set the window values by...

**WINDOW** Xmin: set a couple units below your smallest value

Xmax: set a couple units above your largest value

Xscl: 1 usually looks nice

3. To see the box plot hit **GRAPH**

4. Now **TRACE** and use arrows to see the 5-number summary values.

### Making a Histogram

\*Assume that you have already followed the above directions for inputting data in L1.

1. Tell the calculator that you want a box plot by...

**2<sup>nd</sup>** **Y=** **ENTER**

Use the arrows to highlight On and hit **ENTER**

Use the arrows to highlight Type: the histogram symbol (the third choice) and hit **ENTER**

2. Now set the window values by...

**WINDOW** Xmin: set a couple units below your smallest value

Xmax: set a couple units above your largest value

Xscl: 1 usually looks nice

3. To see the histogram hit **GRAPH**

4. Now **TRACE** and use arrows to see the frequency of each data entry.