

How to Graph a Box Plot (Box-and-Whiskers Graph):

(Section 2.2 – Practice with Example 2 from Notes)

- You are given a list of Data (the order of the numbers does not matter)

Now in the calculator...

STAT – ENTER (to select 1:Edit)

In **L₁** (List 1), enter the Data. (Type a data value, then ENTER, then the next data value, then ENTER...)

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

2nd – STAT PLOT – 1 (This gets you to the First Stat Plot)

(You should be blinking on **ON**) Push **ENTER**

⇓ (Down arrow to Type)

(Select the graph image you want, for now we want a Box Plot with no dots) Move the Left/Right arrows until it is blinking on the Box Plot, Push **ENTER**

⇓ (Down arrow to XList)

2ND – 1 (This types in **L₁** for XList)

Frequency should be set to **1**

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

ZOOM – 9 (This automatically zooms the window to see a Stat Plot)

(Press **TRACE**. You can now push \leftarrow or \rightarrow to move through each location of the box plot and identify all parts of the Five-Number Summary)