Testing for Normality with a TI graphing Calculator

Consider the data set 9.7, 93.1, 33.0, 21.1, 81.4, 51.1, 43.5, 10.6, 12.8, 7.8, 18.1, 12.7.

Produce a Normal Probability Plot

Place the data in L_1.

Press 2nd **Y =**

1:Plot 1 is highlighted. *Press* **ENTER**

Make sure **On** is highlighted.

Press **ENTER**

Arrow down and right to highlight the last plot option.

For **Data List:** enter L_1

For **Data Axis:** highlight **X** and *press* **ENTER**

Press **ZOOM** and then **9**

There is an obvious curve in the normal plot. Hence it looks like our data set is not normally distributed.