

**To Enter Sample data into a list on the TI-83/TI-84 calculators:**

Example: Enter the following data into a list: 3, 12, 18, 101.2, 45.6, 54

1. Choose the *Stat* Button on the calculator to bring up the following screen:

```
2ND] CALC TESTS
1] Edit...
2: SortA(
3: SortD(
4: ClrList
5: SetUpEditor
```

2. From this menu choose Edit by either hitting the number 1 key or by pressing enter to bring up the following screen:

L1	L2	L3	1
-----	-----	-----	
L1(1)=			

3. Use the arrow keys to move among the different lists to place your data into the list of your choice. After typing each number press enter to insert the number into the list.

L1	L2	L3	1
3	-----	-----	
12			
18			
101.2			
45.6			
54			
-----			
L1(7)=			

**To compute summary statistics from a list of data:**

Example: Compute summary statistics on the data entered above:

1. Choose the **Stat** button on the calculator and choose the ***Calc*** menu by using the arrow keys:

3:0001 CALC TESTS	EDIT 0:0000 TESTS
1:Edit...	1:1-Var Stats
2:SortA(	2:2-Var Stats
3:SortD(	3:Med-Med
4:ClrList	4:LinReg(ax+b)
5:SetUpEditor	5:QuadReg
	6:CubicReg
	7:↓QuartReg

2. From the ***Calc*** menu choose item number **1:1-Var Stats**

1-Var Stats
-------------

3. At this point enter the name of the list containing your data by using the following sequence of key strokes: **2<sup>nd</sup>** →the number of the list containing your data.

1-Var Stats L1
----------------

4. Hit enter to compute the summary statistics and receive the following screen. Don't forget to scroll down to get the five number summary.

1-Var Stats	1-Var Stats
x=38.96666667	↑n=6
Σx=233.8	minX=3
Σx <sup>2</sup> =15713.8	Q1=12
Sx=36.34114289	Med=31.8
σx=33.17477288	Q3=54
↓n=6	maxX=101.2