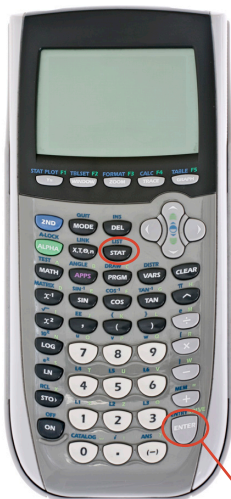


TI-83/TI-84™ Calculator Guide

Although Texas Instruments TI-83 or TI-84™ calculators are not the only graphing calculators that can be used with this course, they are common, so specific instructions for their use are included here. The instructions for the two calculators are the same.

Graphing Sets of Data using a TI-83/TI-84™ Calculator



Graphing calculators can be used to plot a set of data, rather than having to graph it with graphing paper, and pencil.

- If a set of data is given in a list,

x	y
1	1
5	25
2	4
4	16
3	9
7	49

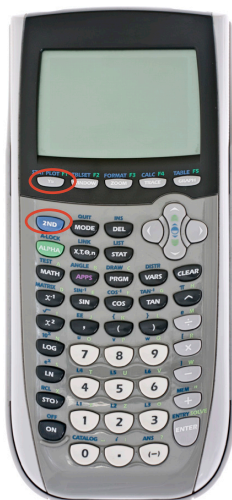
- Turn the calculator on and press the STAT button. The default, EDIT, will be highlighted. Press the ENTER button to enter the data values into the calculator.

```

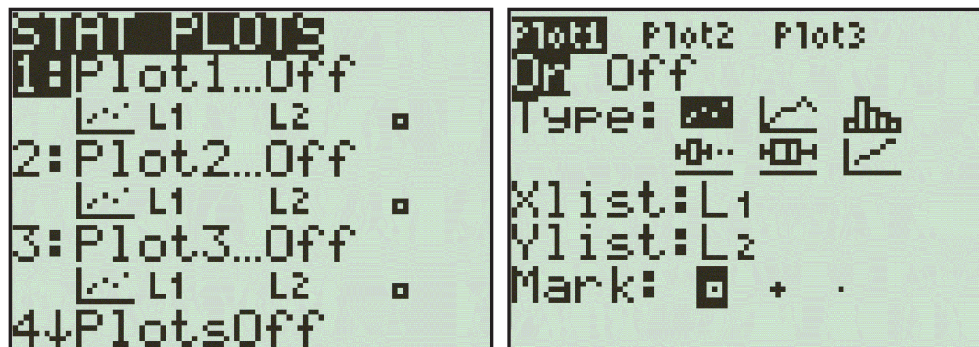
3000 CALC TESTS
1:Edit...
2:SortA(
3:SortD(
4:ClrList
5:SetUpEditor
  
```

If there is already data in the lists, use the arrow keys to highlight the list numbers and press CLEAR and then ENTER to clear the lists.

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5	9		
6	49		
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To see a graph of the plotted points, press the 2nd button, and then the STAT PLOT button.



- Turn the Plot1 on by pressing the ENTER button.
- Then, press the GRAPH button to display the points.
- If the points do not show up, press the ZOOM button and scroll down to choose 9: ZoomStat. This will result in a window that displays all data values from List 1 and List 2.

