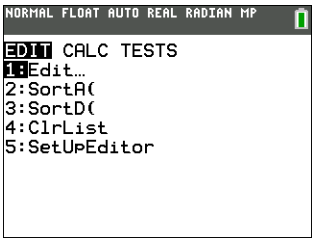
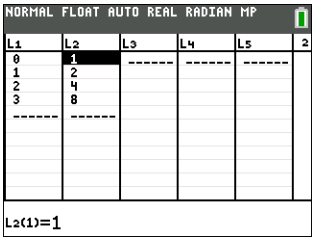
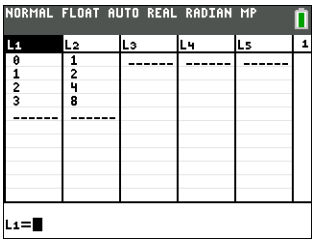
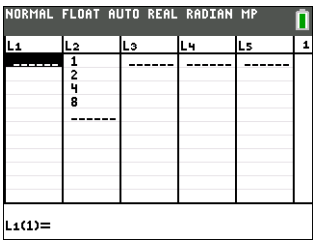
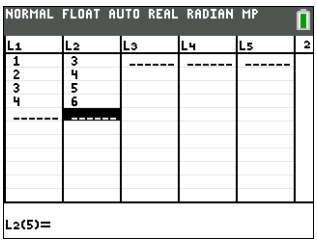
Producing a Scatterplot

Tutorial Overview

In this tutorial, you will learn how to produce a scatterplot using the TI-84 Plus Graphing Calculator.

Action	Screens
Step 1: Enter Stat Editor Press STAT	
Step 2: Select Edit to input data into lists	
Step 3: When there is data in list from previous work, it needs to be cleared before work is continued. There are several ways but the method preferred by many students is to move cursor up to name of list, press CLEAR and ENTER.	 
Step 4: Enter data in L1 and L2. Be sure the lists have the same number of entries or the calculator will not be able to plot them as ordered pairs.	

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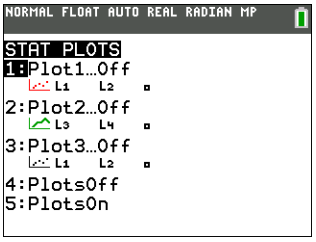
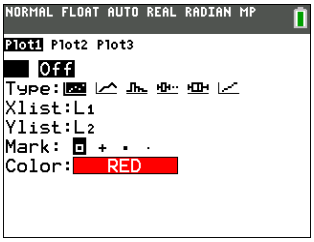
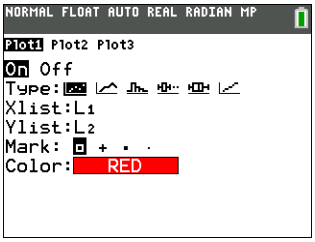
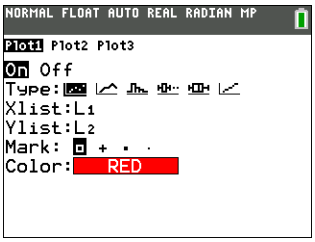
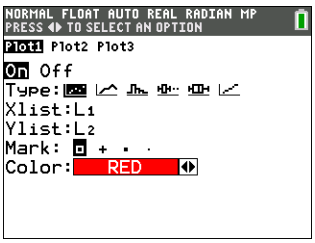
Graph the Data

Action	Screens
Step 5: Press 2nd STAT PLOT (this is the Y= key). At this point, you can see if the plots are on or off. All plots should be off except the one with which you are working.	
Step 6: Press ENTER to select Plot 1.	
Step 7: Turn Plot1 ON by highlighting the word ON and pressing ENTER.	
Step 8: Select the 'scatter plot' for plot Type.	
Step 9: Select L1 for X list and L2 for Y list. **Note:** If you need to change these names from those used in a previous problem, you can select 2nd 1 to retrieve the name L1 and 2nd 2 to retrieve the name of L2.	

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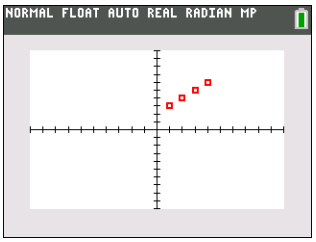
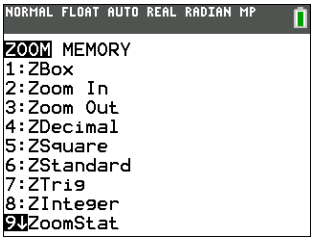
Action	Screens
Step 10: Graph the plot by pressing GRAPH.	
Step 11: If all the data points are not visible, you can set a window manually using the WINDOW key and the information from your data or you can have the calculator set a window in which all the data points are visible by pressing ZOOM and ZoomStat.	

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