

### Get your calculator ready to enter lists

1. From the home screen, press the **STAT** key.
2. Press 5: SetupEditor so that your list columns will be L1, L2, L3, L4, L5, L6. Then press **ENTER**. The DONE message will appear.
3. Press STAT to select choice 1:Edit.
4. If there is already data in a list, such as L1, highlight the title L1, then press **CLEAR** followed by **ENTER**.

```

3:00:00 CALC TESTS
1:Edit...
2:SortA(
3:SortD(
4:ClrList
5:SetUpEditor

```

SetUpEditor

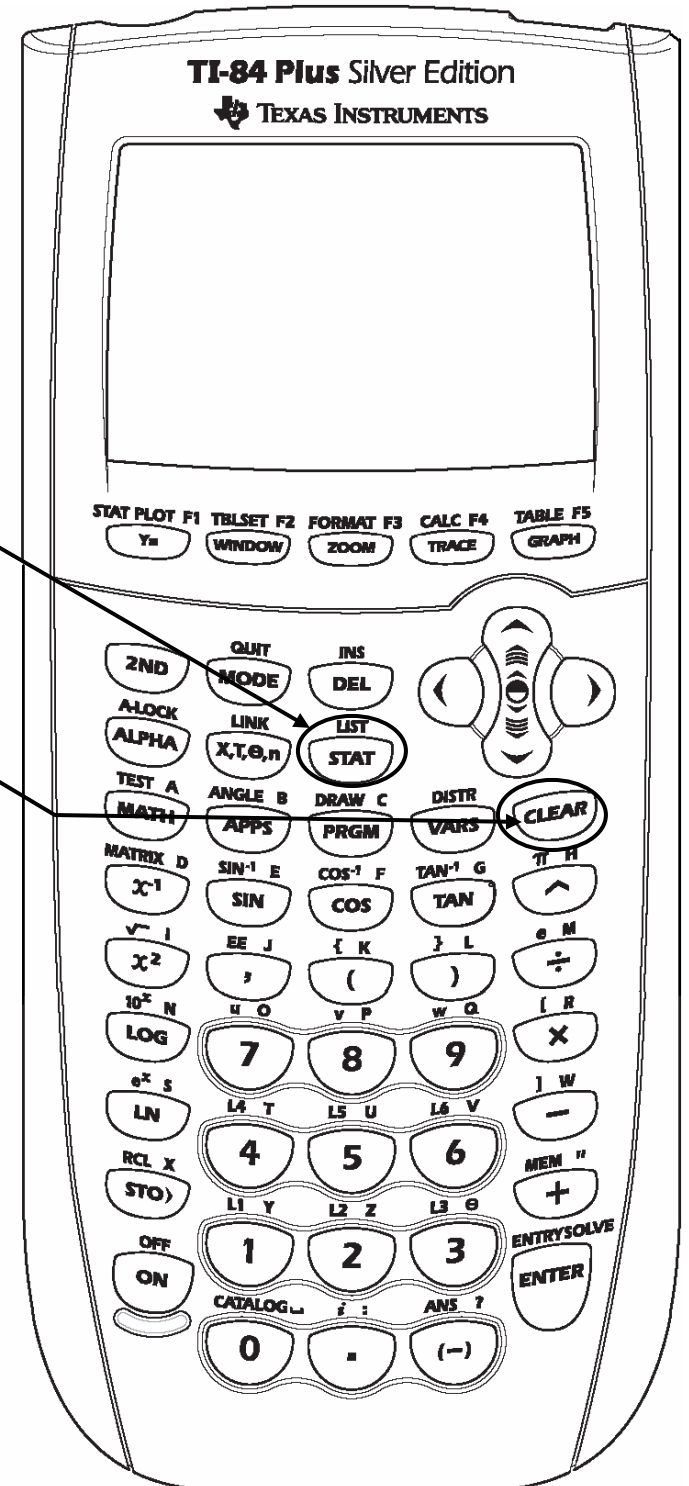
Done

L1	L2	L3	1
-----	-----	-----	
L1 = {2, 3, 3, 5, 7, 7...			

### Enter the data in list L1 and L2

5. Enter the data in the lists by typing each number and pressing **ENTER**. When done, press **2ND QUIT** to get to the home screen.

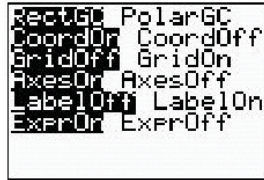
L1	L2	L3	1
1	-----	-----	
2	-----	-----	
L1(5)=			



## Get your calculator ready to graph

Note: The top row of the calculator is for graphing

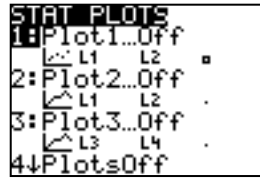
6. Press **2ND** and then **ZOOM** to access the **FORMAT** menu (on the top row). Make sure all the choices in the left column are highlighted.



7. Press **Y=** and clear any equations.

## Set up the plots

8. Press **2ND** and then **Y=** to access the **STAT PLOTS** menu. Press 1 to access Plot1.



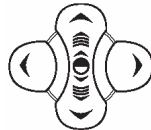
9. Highlight **On** and press **ENTER** to select it. Next to **Type**, select the scatter plot (first icon); next to **Xlist** type L1 (2ND, 1); next to **Ylist** type L2 (2ND, 2); and by **Mark** select the square shape.



10. Press the **WINDOW** key. Create a window to fit the data, keeping in mind the numerical values. Press **GRAPH**.



11. If needed, revise your window. Press **TRACE** to view the values of the ordered pairs. Use the right/left arrow keys to observe the coordinates of the points.



## Model the function

12. Press **Y=**. Using only this menu, work with a partner to determine a good model for the data. Be able to explain how you arrived at your model.

