

Creating Scatter Diagrams on the TI-85

Before you begin, you should clear all stored functions on your calculator.

Graph
F1: Y=
F4: DelF
Exit
Exit

Drawing the Scatter Diagram

Let's enter these data points:

x	0	0	5	5	10	10	15	15	20	20	25	25
y	4	6	10	7	12	10	15	17	18	21	23	22

Stat
F2: Edit

It should say xlist Name = xStat and ylist Name = yStat

Enter
Enter

If there are numbers already entered, press **F5**

Key the x and y values. Press Enter after each entry.

Set the Graphing Window

Graph
F2: Range
x = [-5, 30]
xscl = 5
y = [0, 25]
yscl = 5

Pick values that include all of the points in the problem.

Set the Plot type

Stat
F3: Draw
F2: Scat The other F keys will be used later to draw other types of graphs.

If there are previous graphs showing, press F5: ClDrw

To remove the menu bar at the bottom of the screen so you can see the graph, press **Clear**. To view the menu bar, press Exit.