

Creating Scatter Diagrams on the TI-83+

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

Y=
Highlight function
Clear

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
1: Edit

To clear previously entered values, **highlight** the column header (L1, L2, etc.) and press **Clear**, then **Enter**

Enter the x values in L1.
Enter the y values in L2.

Set the Stat Plot:

2nd StatPlot
1:Plot 1
Highlight **ON** and press **Enter**
Type: **scatter** (1st picture)
xlist: **L₁**
ylist: **L₂**
Mark: Your choice

Set the viewing window and graph the scatter diagram:

Zoom
9: ZoomStat