

## Creating a Scatter Plot and Linear Regression Line

### Create a Scatter Plot

1. Input the data into the lists in the calculator  
**Stat 1:Edit** (press 1 or enter)  
To clear a list Highlight the top of that list then **Clear Enter**  
Input all x values in L1  
Input all y values in L2
2. Go into the Statplot window  
**2<sup>nd</sup> y= 1:Plot1** (press 1 or enter) **On(Enter)**
3. Fit the window to the data and view the stat plot  
**Zoom 9:ZoomStat** (press 9 or enter on **ZoomStat**)

### Create a Linear Regression Line

1. **Stat Calc 4:LinReg(ax+b)** (press 4 but don't press enter yet)
2. **VARs** arrow to **Y-VARS**
3. **1:function** (press 1 or enter)
4. **1:Y1** (press 1 or enter)
5. **enter**
6. **Graph**
7. **y=** (y1 shows the regression equation)