**TI 84 Keystrokes**

**Regression (Best Fit)**

1. Hit the Stat Key
2. Then Hit 1 for edit
3. Go to the top of any columns that have numbers in them and hit Clear. Do not hit Delete.
4. Enter the data from your problem
5. (Be careful if it says something like “years since 1954.” In that case, subtract 1954 from each number in the column. Carefully read directions)
6. When you are done, hit Stat again
7. Move over to Calc
8. Choose the type of regression you want to do
9. Then, when you are in the regression window be sure the columns you are using are the ones listed.
10. If L1 and L2 are not the lists you want, you can choose the blue L3, L4 etc from above the number keys
11. using the 2 nd key.
12. Enter at the bottom and it will run the regression for you and give you an equation

**If you need to graph the scatter plot:**

1. Hit 2 nd and Stat Plot (it is on the Y= key)
2. When you are in the Stat Plot menu, turn one of the plots on, choose the type of plot you want, be sure the lists you want to graph are the ones listed (usually L1 and L2)
3. Then hit Window. Be sure the xmin, xmax, ymin and ymax cover the numbers in the table you are doing.
4. Then hit Graph.

**If you need to superimpose the line onto the scatterplot:**

1. Hit Y=
2. Then hit VARS
3. Then 5: for statistics
Move right twice to EQ
4. Choose 1:RegEQ (this will put the regression equation you got into the y= )
5. Graph