

## Directions for LINEAR REGRESSION on the calculator:

- 1) First make sure the diagnostics are on (you will only have to do this the very first time ☺)  
Go to **MODE**. Scroll down to Stat Diagnostics and arrow over to ON. Make sure ON is highlighted.
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2) Find and click the **STAT** button.

3) Make sure the EDIT COLUMN is highlighted and hit **ENTER**

4) You will see something that says  $L_1$ ,  $L_2$ ,  $L_3$ , and so on (you will only use  $L_1$  and  $L_2$  for now!)  
 $L_1$  is for the x-coordinates and  $L_2$  is for the y-coordinates.

Example: (1, 1) (1, 2) (2, 4) (3, 5)

$L_1$ (x)	$L_2$ (y)
1	1
1	2
2	4
3	5

5) Hit **2<sup>nd</sup>** **MODE**. This will take you back to the home screen.

6) Hit **STAT** again and arrow over to CALC. Scroll down to 4:LinReg(ax+b). Enter all the way through to Calculate.

7) You will be given your **a and b values** which are your slope and y-intercept. You will also be given your **r value**.