Linear Regression with a TI-83/84

1. Turn DiagnosticOn

- [2nd] > [CATALOG]
- Scroll down to "DiagnosicOn" and hit [ENTER]

2. Enter List Data

- Enter L1 and L2 as your two corresponding data lists

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3. Perform the Regression

- [STAT] [>] [4] Chooses "`LinReg(ax+b)`"
- Enter the two Lists you want to use, i.e. "`LinReg(ax+b) L1,L2`"

Hit [ENTER] To get your r value

```
LinReg
  y=ax+b
  a=3.166101695
  b=-55.79661017
  r²=.8811498758
  r=.9386958377
```