**TI 30x Line of Best Fit Steps**

1. 2nd DATA choose 2-VAR
2. DATA (enter data and use down arrow)
3. STAT VAR
4. Arrow over to find

a =

b =

r =

1. The equation of the line is y = **a**x + **b.**
2. Correlation Coefficient is r.
3. To predict use **a(predict #) + b**. *Estimated method*

**TI 30 Multiview Line of Best Fit Steps**

1. DATA (type in data)
2. 2nd DATA
3. 2 VAR L1 L2 CALC (enter)

 ***TI-36 Pro*** 2 VAR L1 L2 Frequency of 1 Calc

1. a =

 b =

 r =

* You can use the x variable button to find a, b, and r.
1. The equation of the line is y = **a**x + **b.**
2. Correlation Coefficient is r.
3. To predict use **a(predict #) + b**. *Estimated method*

**TI 83 or 84 of Best Fit Steps**

1. STAT, then EDIT (type in data in L1 and L2)
2. STAT, then CALC
3. 4: LinReg(ax+b)
4. a =

 b =

 r =

* You can use the x variable button to find a, b, and r.
1. The equation of the line is y = **a**x + **b.**
2. Correlation Coefficient is r.
3. To predict use **a(predict #) + b**. *Estimated method*

You have to turn Diagnostic On to get the r value.

1. 2nd then 0
2. X^-1 button
3. Go till you see DiagnosticON
4. Press enter Twice.

