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 =

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

TI 30 Multiview & TI 36x Pro
Line of Best Fit Steps

1. DATA (type in data)
2. 2nd DATA
3. 2 VAR   L1   L2   CALC   (enter)
   TI-36 Pro   LinREG (ax +b)   L1   L2   Frequency of 1   Calc
4. a =

   b =

   r =

   ★   You can use the x variable button to find a, b, and r.

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

TI 83 or 84 of Best Fit Steps (graphing)

You must first turn diagnostics on. Follow the steps:

1. *2ND zero (catalog)*
2. *Scroll down till you see diagnostics On*
3. *Enter, Enter (till you see the word DONE)*

Now that diagnostics is on you don't need to turn it on again unless your calculator is reset. Now enter the data:

4. STAT, then EDIT (type in data)
5. STAT, then CALC
6. 4: LinReg(ax+b)
7. a =

     b =

     r =

   ★   You can use the x variable button to find a, b, and r.

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