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## TI 30X LINE OF BEST FIT STEPS

1. 2<sup>nd</sup> 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  $y = \mathbf{ax} + \mathbf{b}$ .
6. Correlation Coefficient is r.
7. To predict use  $\mathbf{a(predict \#)} + \mathbf{b}$ . *Estimated method*

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## TI 30 MULTIVIEW LINE OF BEST FIT STEPS

1. DATA (type in data)
  2. 2<sup>nd</sup> DATA
  3. 2 VAR L1 L2 CALC (enter)  
TI-36 Pro 2 VAR 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  $y = \mathbf{ax} + \mathbf{b}$ .
  6. Correlation Coefficient is r.
  7. To predict use  $\mathbf{a(predict \#)} + \mathbf{b}$ . *Estimated method*
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## TI 83 OR 84 OF BEST FIT STEPS

1. DATA, then EDIT (type in data)
  2. DATA, then CALC
  3. 4: LinReg(ax+b)
  4. a =  
b =  
r =
    - ★ You can use the x variable button to find a, b, and r.
  5. The equation of the line is  $y = \mathbf{ax} + \mathbf{b}$ .
  6. Correlation Coefficient is r.
  8. To predict use  $\mathbf{a(predict \#)} + \mathbf{b}$ . *Estimated method*
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