



Using Manual-Fit

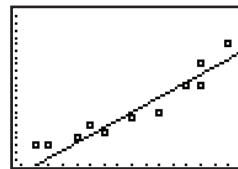
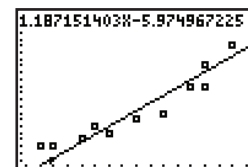
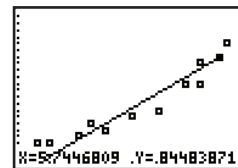
With Manual-Fit, students can fit a line to plotted data on the screen manually. This is an alternative to having the calculator draw the line automatically.

1. After the data is plotted, go to the calculator home screen by pressing 2nd [QUIT].
2. Press 2nd [STAT] \downarrow 3: Manual Fit. This pastes the command on the home screen. Press 2nd [VARS], then select 2:Y-Vars, and then 1: Y_1 . This will store the equation of your line in Y_1 after you draw it. Press ENTER .
3. Press GRAPH . Position the cursor at the beginning of the line segment that you want to draw and press ENTER .
4. Continue to press the arrow keys to draw the line. When you have matched the plotted points, press ENTER . The line is drawn and the equation appears at the top of the screen. You can continue to change the position of the line by using the arrow keys. The equation will update as the line is moved.
5. Press ENTER when you are satisfied with the fit of the line. The equation will be stored in the Y_1 .

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2: OPS MATH
1: 1-Var Stats
2: 2-Var Stats
3: Manual-Fit
4: Med-Med
5: LinReg(ax+b)
6: QuadReg
7: ExpReg
  
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Manual-Fit Y_1



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2: Y1 Plot2 Plot3
Y1 1.123836662X
-5.61124424
Y2=
Y3=
Y4=
  
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