

Graphing Calculator Directions

Directions for Entering Data, Graphing Data, and Finding the Regression Equation

1. Press STAT.
2. Select 1:EDIT by pressing ENTER.
3. Clear out L_1 by pressing the up arrow until L_1 is selected and then press CLEAR followed by ENTER.
4. Use the same procedure to clear out L_2 .
5. Type the numbers into the appropriate lists. Press ENTER after each entry.
6. Use the right arrow to move from L_1 to L_2 .

Graphing Data

1. Press 2nd STAT PLOT.
2. Press ENTER to select Plot One.
3. Press ENTER to select ON.
4. Choose scatter plot.
5. Designate L_1 for the x list and L_2 for the y list.
6. Pick the square for the mark.
7. Press ZOOM, arrow down to 9:ZOOMSTAT, and press ENTER.
8. The graph of the data will appear on the screen.
9. Press TRACE and use the left and right arrows to move between points.

Finding the Line of Best Fit

1. Press STAT and right arrow to CALC.
2. Select 4:LINREG(ax+b)
3. Press ENTER. (L_1 and L_2 are the default lists used.)
4. Press Y= followed by CLEAR.
5. Press VARS.
6. Arrow down to 5:Statistics...
7. Right arrow to EQ.
8. Press ENTER. This will paste the regression equation into Y=.
9. Press graph and students will be able to see how closely their line of best fit matches the data.