Finding a Best-Fit Line (TI-Nspire)

I. Input Data

1. New Lists & Spreadsheet page - (home)(3)
2. Name the columns.
3. Enter the *x* and *y* values into two columns.

II. Perform Regression

1. Complete step I above.
2. Execute Linear Regression – (menu)(4)(1)(3)
3. Select name of *x* and *y* columns – press (ctrl) to view options, move to desired name and press (ctrl) again.
4. Press (enter).

III. Create Scatterplot

1. Complete step I above.
2. New Graphs & Geometry page – (home)(2)
3. Change Graph Type – (menu)(3)(4)
4. Select *x* data values – press (ctrl) to view options, move to desired name and press (ctrl) again.
5. Press (tab) to move on to select *y* values (same as above).
6. Change window settings ((menu)(4)(1)) if necessary to view scatter plot.

IV. Graph Line of Best Fit

1. Complete steps I & II above.
2. If necessary, change Graph Type to Function – (menu)(3)(1)
3. Arrow up to view **f1**(*x*) in the Entry Line. Press (enter) to graph the line.