

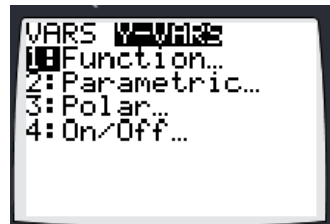
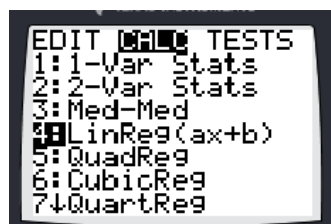
USING THE GRAPHING CALCULATOR TO MAKE A RESIDUAL PLOT

PART 1: CALCULATING THE RESIDUAL IN THE GRAPHING CALCULATOR USING A LIST

1. Find the linear regression. Store the regression as Y1.

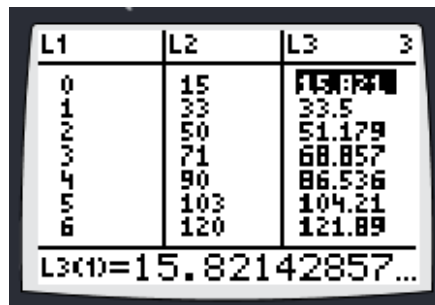
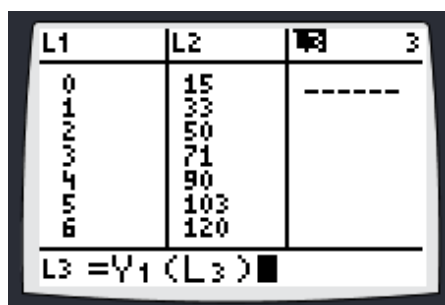
STAT, right arrow to CALC, 4: LinReg, VARS, right arrow to Y-VARS, 1: Function, 1: Y1

(If the operating system is newer, start the VARS sequence with **Store RegEQ:**)



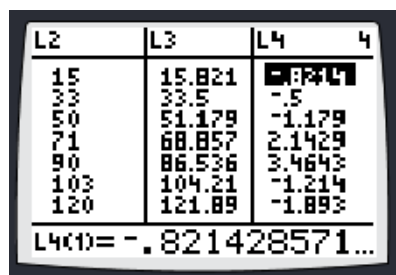
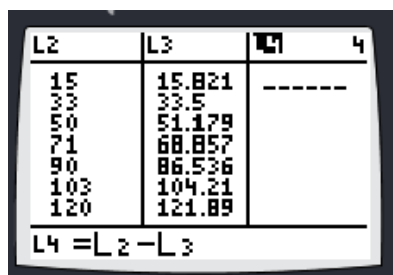
2. Populate the predicted values in a list (L3).

STAT, 1:Edit, highlight L3, VARS, right arrow over to Y-VARS, 1: Function, 1:Y1, (L1), ENTER



3. Calculate the residual in a list (L4).

STAT, 1: Edit, highlight L4, L2 - L3, ENTER



PART 2: VIEWING THE RESIDUAL PLOT

Turn on Plot 1, and change Y-List to L4. Press ZOOM 9.

