

TI-8X Calculator: Data Regression Calculator Steps

* Notes: 1.) Before starting ANY type of regression problem – Please know how to RESET your calculator!



2.) After each step, “QUIT”   to get a clear screen to move onto the next step.

3.) If have a NEW TI-84 Plus, fix the mode before doing ANY type of regression problem –



; make sure the mode is in CLASSIC!

Step 1: Diagnostics ON →



Step 2: Stat Plot ON →



; word “ON” is highlighted in Black

Step 3: Table Setup “Indpnt ASK” ON →



Step 4: Put Data In Calculator →



then enter data in LIST 1 (L1 – x’s) and LIST 2 (L2 – y’s)

Step 5: Find Regression Equation →



then scroll to type of equation then



Step 6: Put Regression Equation in Calculator →



Step 7: To see Data (Scatter Plot) on Graph Screen →



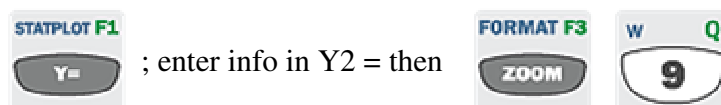
; if can’t see – Zoom OUT if needed

Step 8: To complete the Problem by Finding a Y-value →



; enter in any x-value to get y-value

Step 9: To complete the Problem by Finding a X-value →



; enter info in Y2 = then

(make sure the horizontal line is showing on screen, if not, zoom out), then find INTERSECTION

Step 10: To Clear LIST (Do NOT DELETE LISTS!) →

