

REGRESSION ON A GRAPHING CALCULATOR

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TO CLEAR FUNCTIONS: Y= CLEAR

TO CLEAR LISTS: STAT 4 $L_1, L_2, L_3, L_4, L_5, L_6$ ENTER

TO ENTER DATA: STAT 1
Enter the x values in L_1 and the y values in L_2 .

TO GRAPH A SCATTERPLOT: STAT PLOT 1
Select "On" and other features you wish to use.
ZOOM 9

SPECIAL NOTE FOR TI-83: To display the correlation coefficient r :
CATALOG Diagnostic On ENTER ENTER

TO FIT A FUNCTION: STAT CALC
Go down to the desired regression function and press ENTER twice.

TO GRAPH THE FUNCTION: Y= CLEAR VARS 5 EQ
7 on the TI-82
1 on the TI-83
GRAPH

TO FIND Y FOR A GIVEN X : TBLSET
Select "Ask" mode for the Indpnt variable.
TABLE
Put in the x value and press ENTER.

TO TURN OFF PLOTS: STAT PLOT 1 Off ENTER QUIT