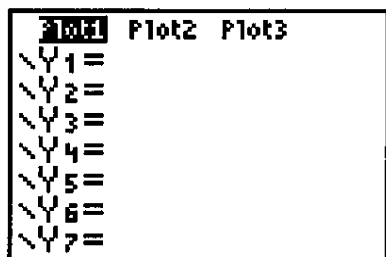


## Plotting the Least Squares Regression Line on the Scatterplot

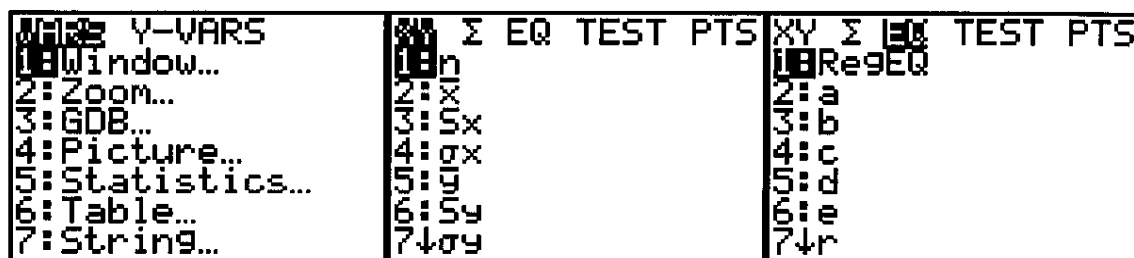
After calculating a least squares regression line, it is possible to plot it against the scatterplot to see if there is a good fit.

First, place the equation of the least squares regression line in  $Y=$ . To import the equation, follow the following steps.

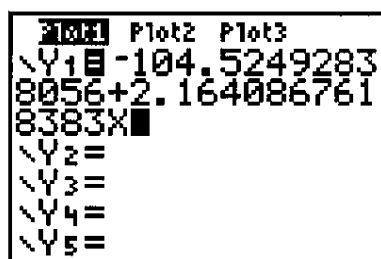
First select  $Y=$ . The following screen should appear.



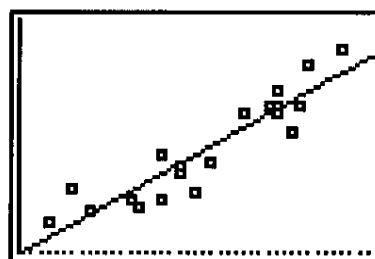
Press  $\boxed{VAR\Sigma}$  then 5: Statistics..., then select EQ, then select 1: RegEQ.  
The following screens should appear.



Your regression equation should now appear in  $Y1$ . (Screen 1 below)



Screen 1



Screen 2

To graph this on the scatterplot (should have already plotted this) select  $\boxed{ZOOM}$  then  $\boxed{9}$ . Your scatterplot should now appear with the least squares regression line. (Screen 2 above)