**Creating a Scatter Plot (With Points) on the Calculator**

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| --- | --- |
| Clear Memory | 2nd, +, 7, 1, 2 |
| Enter table into Lists | STAT, 1:Editt |
| Set Appropriate Window | WINDOWXMin = XMax = YMin = YMax =  |
| Get the Points in the Graph | 2nd, Y= (STAT PLOT)1: Plot1…OnType (First Option)XList: L1YList: L2Mark: (Choose one) |
| What Type of Regression is it? | LinearQuadraticExponential |
| Draw the Regression Equation | STATCALC(Choose appropriate below)4: LinReg (ax + b)5: QuadReg0: ExpReg |
| Regression Info | XList: L1YList: L2FreqList: (leave blank)Store RegEq: Y1Calculate |
| Store RegEq: Y1 | VARSY-VARS1:Function1:Y1 |

Example:

A real estate agent plans to compare the price of a cottage, *y*, in a town on the seashore to the number of blocks, *x*, the cottage is from the beach. The accompanying table shows a random sample of sales and location data. Write a linear regression equation that relates the price of a cottage to its distance from the beach. Use the equation to predict the price of a cottage, to the *nearest dollar*, located three blocks from the beach.

