Exponential Regression

College Algebra

Main Ideas

- Exponential regression is very similar to linear regression.

- Almost all the calculator steps are the same.

- The followup questions are the same as from other sections in the Exponential Functions unit.

Exponential Regression

How To – Exponential Regression on a TI Graphing Calculator

To perform an exponential regression on a TI graphing calculator:

1. Type "STAT" and go to "1:Edit…".

2. Enter the values of the independent variable in "L1" and matching values of the dependent variable in "L2".

3. Type "STAT", go right to "CALC", and go to "0:ExpReg".

4. Depending on your calculator, type "ENTER" if you see "ExpReg" on the home screen or go down to "CALCULATE" if you have a menu.

How To – Access the Most Recent Regression Equation

1. Type "VARS" and go down to "5:Statistics…".

2. Go right to "EQ".

3. Go to "1:RegEQ".