

Name: _____

Date: _____

Re-Expressing Data

These questions are imbedded in the activity so students will have an idea when to answer each question.

Part A: Describe what you see in the graph on the next page. Find a model (equation) to describe the pattern. Feel free to play with the regressions and/or residuals if it helps you.

Part B: Run a linear regression for the graph on page 1.7 of the calculator activity. Write the equation for the model. Is this an appropriate model? What is r^2 ?

Part C: Run a linear regression for the graph on page 1.8 of the calculator activity. Write the equation for the model. Is this an appropriate model? What is r^2 ?

Part D: Is it fair to say that both models are appropriate here? Justify your answer.

Part E: Copy the table on page 2.1 of the calculator activity.