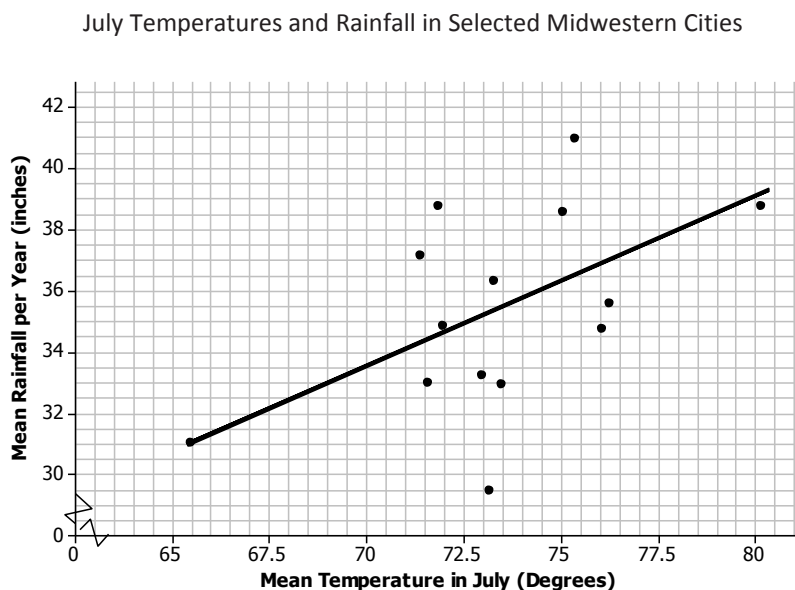Name _____   Date_____

Lesson 8: Informally Fitting a Line

The plot below is a scatter plot of mean temperature in July and mean inches of rain per year for a sample of midwestern cities. A line is drawn to fit the data.

July Temperatures and Rainfall in Selected Midwestern Cities

Data Source: http://countrystudies.us/united-states/weather/

1. Choose a point in the scatter plot and explain what it represents.

2. Use the line provided to predict the mean number of inches of rain per year for a city that has a mean temperature of 70° in July.

3. Do you think the line provided is a good one for this scatter plot? Explain your answer.