Lab 4F - Some models have curves

**Directions: Record your responses to the lab questions in the spaces provided.**

Describe, in words, how the line fits the data? Are there any values for critics\_rating that would make obviously poor predictions?

Compute the MSE of the model for the testing data and write it down for later.

What is the role of the number 2 in the poly() function?

Write down the model equation in the form:

Compare how the *line of best fit* and the *quadratic* model fit the data. Use the difference in each model's testing MSE to describe why one model fits better than the other.