I am writing a report on how MPG was related to car prices in 1978. My data set is the Consumer Reports data. It is a sample of car models in 1978. It consisted of domestic and?? foreign models.

Here is a scatterplot with a linear fit:

The graph shows a negative relationship between price and MPG. The slope for MPG is , tells us that one additional mile per gallon for a car decreases the expected price by