Directions
For each scatter plot below, answer the associated questions. Please use complete answers.

1.

**Pulse Rate After Exercise**

a. The above plot shows a relationship a person’s pulse rate after exercise and time. Describe the relationship shown between the two variables.

   *As more time goes by after a person stops exercising, their pulse rate decreases.*

2.

**Money Spent at Mall**

a. Is there a positive correlation, negative correlation, or no correlation between the dollars spent at the mall and the number of hours shopping at the mall? Explain.

   *No correlation exists between the dollars spent at a mall and the number of hours spent shopping at the mall.*
3.

The above scatterplot shows test grades and hours studied for a group of students. Describe the relationship between test grade and the number of hours studied.

A student’s test grade increases as the number of hours spent studying increases.

Use the line of best fit in the scatterplot above to predict what grade a student will get if she studied four hours.

I predict that a student will get a grade of 80 if she studies 4 hours.