Study Questions
Chapters 7, 8
Math 104
Fall 2015

Read chapters 7 - 8 in the textbook, and then answer the following questions based on the reading.

1. What is the slope of a line?

2. What is the intercept of a line?

3. Describe the graph of the equation $y = mx + b$. 
4. What is a scatter diagram?

5. What does it mean to say that there is a positive association between two variables?

6. What is the point of averages in a scatter diagram?

7. What is the correlation coefficient?
8. What is a \textit{perfect correlation}?

9. What is the \textit{SD line}?

10. How do we compute the correlation coefficient?