Study Questions
Chapter 20
Math 104
Fall 2015

*Read pages 355 - 371 in the textbook, and then answer the following questions based on the reading.*

1. For a simple random sample, what is the expected value for the sample percentage?

2. How do we compute the standard error for the sample percentage?

3. How does increasing the sample size affect the standard error for the sample percentage?

4. What if the sample is not a simple random one?
5. *Fill in the blanks:* When drawing at random from a box of 0’s and 1’s, the percentage of 1’s among the draws is likely to be around ________________, give or take ________________ or so.

6. Write the observation in the box on page 367.

7. Why is the above observation true?