

17.872  
Fall 2003

1. Bulmer Exercise 12. 1, 12.2, 12.3
2. Bulmer Problem 12.1
3. Bulmer Problem 12.3
4. Snedecor and Cochran Example 9.2.1, 9.2.2, 9.3.1, 9.4.1
5. Thinking about your field of study and important question within that field. Come up with an experiment that is relevant to some aspect of that question within your field that you would find informative and that you think can plausibly be performed. Design the experiment.
  - a. What question do you seek to answer?
  - b. What is the dependent variable and how is it to be measured?
  - c. What is the independent variable and what values would you choose? How can you control the assignment?
  - d. Who or what are the subjects? Describe how you would perform the assignment and the randomization method?
  - e. How large should the experiment be? (How many people?)