You are allowed to discuss problems with other students, but the final answers must be your own work. Please attach this page to your solutions.

YOU MUST ATTACH SEPARATE PAGES, NEATLY WRITTEN, THAT SHOW YOUR WORK. You may include computer printout.

Report all numerical answers to at least two correct decimal places.

DUE DATE: IN CLASS ON WEDNESDAY, October 14.

1. Identify a topic for your survey paper. Describe it in a few sentences.

2. Identify a topic for your class presentation. This should include a component of original research, and thus go beyond the content of the survey paper (or you may work on a topic unrelated to your survey paper). Describe your presentation topic in a few sentences.

3. Exercise 3.6 on page 95.

3. Exercise 4.1 on page 135.

3. Exercise 5.15 on page 185.