Stat 351 Fall 2008
Assignment #3

This assignment is due at the beginning of class on Monday, September 22, 2008. You must submit solutions to all problems. As indicated on the course outline, solutions will be graded for both content and clarity of exposition. The solutions that you submit must be neat and orderly. Do not crowd your work or write in multiple columns. Your assignment must be stapled and problem numbers clearly labelled.

1. Problems #3, #5, #9 on page 27

2. Problems #10 on page 28

3. Problems #6, #11 on pages 27–28. Answer these questions by manipulating the distribution/density functions to arrive at the desired conclusions. In particular, explain how the solution to Problem #11 follows directly from Problem #10.

4. Problems #23, #24, #25, #26, #27 on pages 29–30