

## APPM 3310 — Problem Set 1

Due: Wednesday, Sept 2, 2006

Note: As with all homework sets in this class, you must show all work. You may discuss the homework problems with your classmates. However, the work you turn in must be your own—you should write your solutions on your own. Identical solutions will be considered as a violation of the Student Honor Code.

For the true/false questions, you need to support your answer. If the statement is true, please provide a reason or justification. If the answer is false, give a counterexample.

1. Page 5: Section 1.2, #5c
2. Page 10: Section 1.2, #16, 25, 32
3. Page 15: Section 1.3, #2c, 13
4. Page 19: Section 1.3, #19, 22f
5. Page 22: Section 1.3, #32b
6. Page 24: Section 1.4, #1bcg, 2c
7. Page 26: Section 1.4, #14
8. Page 30: Section 1.4, #19b