Math 201 – Review Test 3
(5-2, 5-3, 6-2, 7-3, 7-4)

5-2 & 5-3

1. Be able to solve systems of linear inequalities in two variables.
2. Be able to solve a linear programming problem in two dimensions by the geometric approach in section 5-3.
3. Be able to solve application problems, especially to set up the objective function and constraints.

6-2

Be able to use the Simplex method (following the guideline given in lecture).

Be able to solve application problems using the Simplex method.

7-3, 7-4

1. Understand the concept of sets.
2. Be able to use addition counting principle and multiplication counting principle to solve problems.
3. Be able to recognize permutations and combinations and solve related problems.