

## Attendance Quiz 22 Study Guide for Test 3

Test 3 will be on Tuesday, December 6. It will be closed books/notes without a calculator. It covers following topics and sample questions from the text and AQs.

### **Section 4.2 Maximization problems**

Use the simplex method to solve linear programming problems.

Sample questions: AQ #20, AQ #21, page 186 #7, 8

### **Section 4.1 Slack Variables and the Pivot**

Sample questions: page 175 #5, 7, 9

### **Section 3.3 Applications of Linear Programming**

Sample questions: AQ #19, page 160 #7, 9, 11 (**Only set up the problem**)

### **Section 3.2 Solving Linear Programming Problems Graphically**

Use graphical method to solve linear programming problems.

Sample questions: AQ #18, 17, page 153 #5, 7, 9, 11

### **Section 3.1 Graphing Linear Inequalities**

Graph the feasible region for the system of inequalities

Sample questions: AQ #16, page 145 #29, 30