

University of South Carolina
Math 170: Finite Mathematics
Section 006
Spring 2012

Test 1 Study Guide

Section 1.2

- Find break-even point in a cost/revenue model. (#9, 17)
- Find equilibrium point in a supply/demand model. (#29, 31)

Section 1.3

- Construct a linear model. (#75, 81, 83, 85, 103)

Section 3.1

- Add matrices to combine like data. (#39, 45)

Section 3.2

- Multiply matrices to combine like data. (#53, 55)

Section 2.3

- Solve systems of equations having exactly one solution. (# 1, 3, 7)

Section 4.4

- Set up (but do not solve) a linear programming problem. (# 23, 25, 27, 29, 39)

Section 3.5

- Determine production in an input-output model. (# 19, 20, 21)

Section 3.4

- Solve a 2x2 game. (Example 3)
- Reduce games by dominance. (#41)