Answers to All Assigned Homework Problems in Sections 3.1 and 3.2 of
Applied Finite Mathematics 3rd edition, 2016

Math 11 Chapter 3 Homework Answers

3.1 #1   80 acres of wheat; 20 acres of corn
          maximum profit $8400
3.1 #2 $16000 bonds ; $8000 stocks
          $1600 maximum profit
3.1 #3   10 chairs; 15 tables
          $650 Maximum profit
3.1 #4   not assigned
3.1 #5   X=0, Y=4, Z=40
3.1 #6   X=10, Y=20, Z=190

3.2 #1   30 units Food A; 45 units Food B
          minimum cost $105
3.2 #2   100 laptops ; 50 desktops
          minimum commission $8000
3.2 #3   3 days refinery A ; 2 days refinery B
          minimum cost $56000
3.2 #4   6 months contractor A
          4 months contractor B
          minimum cost $8800

Answers to ALL review problems in
section 3.3 are in the student supplement
to this textbook that is posted on the Math 11
Finite Math homepage on the open faculty website
www.deanza.edu/faculty/bloomroberta