Answer Key

Chapter 3

Lesson 3.4

Practice C

1. min. of -12 at (0,4); max. of 8 at (4,0)
2. min. of 4 at (1, 1); max. of $\frac{32}{3}$ at $\left(\frac{8}{3}, \frac{8}{3}\right)$
3. min. of 0 at (0, 0); max. of 12 at (4, 0)
4. min. of -6 at (0, 3); max. of 20 at (4, 0)
5. min. of 0 at (0, 0); max. of $\frac{15}{2}$ at $\left(3, \frac{3}{2}\right)$
6. min. of 6 at (0, 2); max. of 27 at (6, 5)
7. min. of -2 at (0, 2); max. of 8 at (4, 4)
8. min. of -3 at $(-3, 5)$; max. of 42 at (3, 8)
9. min. of -30 at (0, 6); max. of 16 at $(1, -3)$
10. 7 paperbacks and 1 hard cover book
11. 0.625 servings of pork, 3.75 servings of potatoes