Check Your Understanding (p. 177):

8. let $x =$ price of ticket
   $6x = 270$
   $x = 45$
   $6(45) = 270; 270 = 270$
9. let $x =$ cost of stamp
   $40x = 18.00$
   $x = 0.45$
   $40(0.45) = 18.00; 18.00 = 18.00$
10. a. $x = 4$
    b. $a = 20$
    c. $q = 9$

Lesson 14-1 Practice (p. 177):

11. let $x =$ number of steers in each area
    $5x = 1,200$
    $x = 240$
    $5(240) = 1,200; 1,200 = 1,200$
12. let $x =$ number of hours
    $9x = 243$
    $x = 27$
    $9(27) = 243; 243 = 243$
13. a. $x = 15$
    b. $a = 2$
    c. $k = 5$
14. 547.5 pounds