

# Chapter 9 Review

$$\textcircled{13} \quad 22,430 + 2,390 + 340 = \boxed{\$25,160}$$

$$\textcircled{15} \quad 31,000 + 4,459 + 654 = \boxed{\$36,113}$$

$$\textcircled{17} \quad 18,240 + x \overset{\text{Stereo System}}{\downarrow} + 5x \overset{\text{Leather Interior}}{\downarrow} + .07(18,240 + x + 5x) = 21,365.20$$
$$18,240 + x + 5x + 1,276.80 + .07x + .35x = 21,365.20$$
$$19,516.80 + 6.42x = 21,365.20$$
$$-19,516.80 \qquad \qquad \qquad -19,516.80$$

$$\frac{6.42x}{6.42} = \frac{1,848.40}{6.42}$$

$$x = \boxed{\$287.91} \quad \text{a)}$$

$$\text{b) } 5(287.91) = \boxed{\$1,439.56}$$

$$\textcircled{19} \quad (21,600)(.88) = 19,008$$

$$(2,300)(.91) = 2,093$$

$$19,008 + 2,093 + 562 = \boxed{\$21,663}$$

$$\textcircled{21} \quad (42,000)(.86) = 36,120$$

$$(3,400)(.81) = 2,754$$

$$36,120 + 2,754 + 754 = \boxed{\$39,628}$$

$$(23) \quad 15,857 + 60 + 250 + 175 + 100 - 750 \\ = \boxed{\$15,692}$$

$$(25) \quad 16,667 + 543 + 196 + 115 - 225 \\ = \boxed{\$17,296}$$

$$(27) \quad a) \quad 344 + 264 + 94 = \boxed{\$702}$$

$$b) \quad 702 (3.2) = \boxed{\$2,246.40}$$

$$(29) \quad a) \quad 344 + 243 + 82 = \boxed{\$669}$$

$$b) \quad 669 (1.45) = \boxed{\$970.05}$$

$$(31) \quad a) \quad 1,300 + 3,287.33 = \boxed{\$4,587.33}$$

$$b) \quad \frac{4,587.33}{9,500} = \boxed{\$.48}$$

$$(33) \quad a) \quad 1,139.45 + 2,300.88 = \boxed{\$3,440.33}$$

$$b) \quad \frac{3,440.33}{14,546} = \boxed{\$.23}$$

$$\textcircled{35} \quad \frac{2,200 + X}{14,000} = .31 \times 14,000$$

$$\begin{array}{r} 2,200 + X = 4,340 \\ -2,200 \qquad -2,200 \end{array}$$

$$X = \boxed{\$2,140}$$

$$\textcircled{37} \quad a) (24)(508) = \boxed{\$12,192}$$

$$b) 12,192 + 590 + 25 + 79 = \boxed{\$12,886}$$

$$\textcircled{39} \quad a) (36)(385) = \boxed{\$13,860}$$

$$b) 13,860 + 1,500 + 95 + 89 = \boxed{\$15,544}$$

$$\textcircled{41} \quad a) 45.95 + 91.25 + 32.54 = \boxed{\$169.74}$$

$$b) \frac{169.74}{365} = \boxed{\$.47}$$

$$\textcircled{43} \quad a) 5(22.93) + 77.58 = \boxed{\$192.23}$$

$$b) \frac{192.23}{750} = \boxed{\$.26}$$