

Chapter 4 Review

$$\begin{array}{r} \text{Currency Amount} \\ \text{13 } x \\ \text{+ 2x} \\ \text{- 75} \\ \hline = 872.25 \end{array}$$

$$\begin{array}{r} 3x - 75 \\ + 75 \\ \hline = 872.25 + 75 \end{array}$$

$$\frac{3x}{3} = \frac{947.25}{3} \quad x = 315.75$$

Currency: $\boxed{\$315.75}$

Checks: $\boxed{\$631.50}$

$$2(315.75) = 631.50$$

15 Fifty-four and $\frac{33}{100}$ dollars

17 Three hundred eighty-seven and $\frac{21}{100}$ dollars

$$19 \quad 189.75 + 112.45 - 75.68 - 50 = \boxed{\$176.52}$$

$$21 \quad 851.97 - 34.55 - 123.44 - 210 - 3.45 \\ + 259 + 102 + 50 = \boxed{\$891.53}$$

$$23 \quad 176.55 + 0 - 4.34 = \boxed{\$172.21} \quad \text{New Balance}$$
$$79.21 - 27.50 + 120.50 = \boxed{\$172.21} \quad \text{Adjusted Balance}$$

Yes, the balances agree

$$25 \quad 1,254.62 + 3.70 - 5.95 = \boxed{\$1,252.37} \quad \text{New Balance}$$
$$2,140.11 - 1,287.74 + 400 = \boxed{\$1,252.37} \quad \text{Adjusted Balance}$$

Yes, the balances agree

$$27 \quad 7.95 + 6(.70) + 25 + 2 + 400(0.025) = \boxed{\$49.15}$$