

Assignment 4.4

$$\textcircled{1} \quad 290 + 270 - 250 - 2.70 + .25 = \boxed{\$307.55}$$

$$\textcircled{3} \quad 528.76 - 416.79 + 400 + 3.56 - X = 228.58$$

$$\quad \quad \quad \cancel{515.53} - X = 228.58$$

$$\quad \quad \quad -\cancel{515.53} \quad \quad -515.53$$

$$\quad \quad \quad -X = -286.95$$

$$X = \boxed{\$286.95}$$

$$286.95 - 259.85 = \boxed{\$27.10}$$

$$\textcircled{5} \quad 487.67 + 430.75 - 598.17 + 1.38 = \boxed{\$321.63}$$

$$\textcircled{7} \quad 1,200 + 515.65 - 605.13 - 5 = \boxed{\$1,105.52}$$

$$\textcircled{9} \quad 7,345 + 310.25 - 119 - 1,768.89 - 4.25$$

$$+ 11.26 = \boxed{\$5,774.37}$$

$$\textcircled{11} \quad 9,421.99 + 7,509.23 + 1,412.46 + 256.40$$

$$- 1,397.86 - 1,209.32 + 5.60 + 12.47$$

$$= \boxed{\$15,999.77}$$

$$\textcircled{13} \quad 619.83 + 398.50 - 471.63 + 2.50 - (x+5) = 540.70$$

$$549.20 - X - 5 = 540.70$$

$$\cancel{544.20} - X = 540.70$$

$$-\cancel{544.20} \quad \quad -544.20$$

$$-X = -3.50$$

$$X = \boxed{\$3.50}$$

$$\textcircled{15} \quad \overset{\text{Previous Balance}}{X} - X(.95) + (3X - 1.60) + X(.005) - 5 = \overset{\text{Present Balance}}{3X}$$

$$\underline{X} - \underline{.95X} + \underline{3X} - 1.60 + \underline{.005X} - 5 = 3X$$

$$\begin{array}{r} \cancel{3.055X} - 6.60 = 3X \\ -\cancel{3.055X} \qquad \qquad -3.055X \end{array}$$

$$\begin{array}{r} -6.60 = \cancel{-.055X} \quad X = \$120 \\ \hline -.055 \quad \cancel{-.055} \end{array}$$

Previous Balance: \$120

Present Balance: $3(120) = \boxed{\$360}$