Assignment 4.1

(1) $231.09 + 987.67 + 9(1) + 9(5) + 8(10) + 14(.25)$

$+ 25(.1) + 18(.05) + 64(.01) - 40$

$= \boxed{\$1,320.30}$

(3) x: value of coins

$6x$: value of checks

$x + 6x = 140$

$\dfrac{7x}{7} = \dfrac{140}{7}$ $x = 20$ $6(20) = 120$

$\boxed{\begin{array}{l} \$20 \text{ in coins} \\ \$120 \text{ in checks} \end{array}}$

(5) $12(10) + 11(5) + 8(1) + 11(.5) + 18(.25) + 96.23$

$= \boxed{\$289.23}$

(7) $40(10) + 54(5) + 23(1) + 40(.5) + 56(.25)$

$+ 21(.1) + 45(.05) + 63(.01) + 874.56$

$= \boxed{\$1,606.54}$

(9) $8(10) + 7(5) + 13(.5) + 9(.25) + 11(.1)$

$\quad + 27(.05) + 347.98$

$\quad = \boxed{\$474.18}$

(11) $10(10) + 12(5) + 6(1) + 7(.25) + 8(.1) + 2(.05)$

$\quad + 43.44$

$\quad = \boxed{\$212.09}$

(13) $67(10) + 3(5) + 4(1) + 13(.5) + 11(.25) + 3(.1)$

$\quad + 7(.05) + 31(.01) + 777.50$

$\quad = \boxed{\$1,476.71}$

(15) $2(100) + 474.85 + 321.15 - 50 = \boxed{\$946.00}$

(17) $425.22 + 883.99 + 57.05 + 45(1) + 15(5)$

$\quad + 12(10) + 28(.25) + 16(.1) + 19(.05)$

$\quad + 65(.01) - 60 = \boxed{\$1,556.46}$

(19) $901.20 + 3,760.26 + 655.79 + 252 + 30(1)$

$\quad + 2(2) + 16(5) + 119(10) + 6(.25) + 11(.1)$

$\quad + 37(.05) + 9(.01) - 325$

$\quad = \boxed{\$6,552.79}$

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$60(.25) + 53(.1) + 44(.05) + 50(.01) + (2x - 17) - 2(20) = X$

$-17 + (2x - 17) = X$

$-34 + 2x = X$
$-2x \quad -2X$

$-34 = -X$
$X = 34$

$$\boxed{\$34.00}$$

23 To establish a money trail. Otherwise, there will be no deposits into the business account on record. You want to have all deposits and withdrawels on record.

25 $\boxed{\$579.20}$

27 If the company pays 65%, the Matthew pays 35%.

Matthew Pays Per Year: $6,340(.35) = 2,219$

Matthew Pays Per Month: $\dfrac{2,219}{12} = \boxed{\$184.92}$

29 $\boxed{23.10}$

31 Three and $\dfrac{45}{100}$ dollars

33 Eighty-six and $\dfrac{66}{100}$ dollars