Name: _____ Date: _____

8.4 Warm Up

1. Find the total value of the coins.

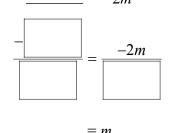   **a)** 10 dimes and 5 nickels:

   _____¢ or $_____

   b) 6 pennies and 3 quarters:

   _____¢ or $_____

2. Solve each equation.

   a) $4.8 + 1.1f = 1.5$

   b)

   $$-2.3 = 4 - 2m$$

   $$-2.3 - \underline{\hspace{1cm}} = 4 - \underline{\hspace{1cm}} - 2m$$

   $$-\underline{\hspace{1cm}} = -2m$$

   $$\dfrac{-\boxed{}}{\boxed{}} = \dfrac{-2m}{\boxed{}}$$

   $$\underline{\hspace{1cm}} = m$$

3. Solve each equation.

   a) $\dfrac{3x}{4} + \dfrac{1}{2} = \dfrac{x}{3}$

   b) $\dfrac{x+5}{3} = \dfrac{x-2}{2}$

4. Simplify each expression by combining like terms.

   a) $2.1b + 6.4b$

   b) $0.8x - 0.7x$

   c) $-3.1a + 1.4a$

   d) $1.5d - 3.0d$

Example:	$3.5x + 1.4x$
	$= (3.5 + 1.4)x$
	$= 4.9x$