

$$2x + 7 = 3(5x - 8)$$

$$2x + 7 = 15x - 24$$

$$2x - 15x = -24 - 7$$

$$-13x = -31$$

$$x = \frac{-31}{-13} = 2.38$$

$$(-4)(5x+6) = 7x+8$$

$$-20x-24 = 7x+8$$

$$-20x-7x = 24+8$$

$$-27x = 32$$

$$x = \frac{32}{-27} = -1.185$$