

## SOLVING LINEAR EQUATIONS

Name \_\_\_\_\_ Date \_\_\_\_\_

Solve the equations and leave your answers as simplified fractions or as decimals.

$$4(2x - 3) = 8(2x + 5)$$

$$7(4 - 3x) = 2(8x - 9) + 6$$

$$9(2x - 1) - 3x = 3(12 + x)$$

$$2(3x - 4) = 7(11 - 2x)$$

$$4x - (2x - 8) = 5(1 + 2x)$$

$$7(5 - x) = -4(x - 11)$$

$$10 - 6(8x - 2) = 9x - (3 + 4x)$$

$$-4(x - 8) = -6(4 + 3x)$$

$$3(4x - 5) = 5(2x - 5)$$

$$-6(3 - 4x) + 2x = 8(x + 11)$$

$$8(6x + 2) = 5(x - 2)$$

$$3(2x - 6) = 3 - 4(3 - x)$$