

Solving for x: Lesson 09  
Multi-step Equations: Worksheet 1

Name: \_\_\_\_\_



*Remember to show your steps, keep it neat, and be careful!*

**Solve:**

$$4x - 6(2x - 5) - 9 = 3(7x + 10) - 11(x - 6) - 3$$

**Check your answer:**

**Solve:**

$$-5(2x - 5) - 3(x - 11) + 4x = 2(9x - 3) - 7(x + 6) - 4x - 6$$

$$\frac{-3}{4}(2w - 8) + 5 + \frac{1}{6}(3w - 12) = \frac{2}{3}(w + 9) - (2w + 4)$$