

Name: _____ Date: _____

Solve each of the following equations, and then check your solution. Remember to put a ? above the = sign in the "check", until you know it is truly the correct solution.

1. Solve: $3 + 4x - 1 = x - 7 + 2x$ Check:

2. Solve: $\frac{10}{3}x - 5 = \frac{4}{3}x + 7$ Check:

3. Solve: $3x - 15 + 2x = 7x - 27$ Check:

4. Solve:
 $5.4x - 3 = 8.4x + 15$ Check:

5. Solve:

$$2(x + 4) - 5(x - 7) = -2(x - 1)$$

Check:

6. Solve:

$$5(3x - 1) - 6x = 3x - 2$$

Check:

7. Solve:

$$5(x + 1) - 5(x + 8) = -\frac{7}{3}x$$

Check: