Solving Equations Using the Distributive Property

Step 1: Use the Distributive Property to remove the parentheses.
Step 2: Combine like terms.
Step 3: Solve the equation by isolating the variable.
Step 4: Check your answer by substituting the solution into the original equation.

Directions: Solve each equation and check your solution.

Check

1. $2(m-8) = 14$

2. $45 = -3(2m-7)$

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

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

5. $1.2m - .6(m - 2) = 2.4$