Solving Systems of Equations by Substitution



Step 1: Solve for one of the variables in one of the equations.Step 2: Substitute into the other equation and solve for the variables.Step 3: Check your answer.

Directions: Solve each system of equations by the substitution method.

1. y = x + 33x + 2y = 26 2. 7x - 3y = 23x + 2y = 13

3.
$$y = 3x$$

 $\frac{1}{3}x + \frac{1}{2}y = 11$

 $4. \quad 2x - y = -1$ 4x - 2y = 4

5. y = 2x - 33y = 6x - 9