

## 2 Substitution Method

### To Solve a System of Linear Equations by Substitution

1. Solve one of the equations for one of the variables.
2. Substitute the resulting expression into the other equation.
3. Solve this new equation, if possible, and then substitute back into one of the original equations to find the value of the other variable.
4. Check your solution.

Example 2: Use the substitution method to solve the systems of linear equations.