

Section 2.1: Linear Equations in One Variable

Steps for Solving a Linear Equation in One Variable

1. Simplify both sides of the equation.
 - Clear parentheses
 - Clear fractions or decimals, if necessary, by multiplying both sides of the equation by a common denominator of all terms
 - Combine like terms
2. Collect the variable terms on one side of the equation.
3. Collect the constant terms on the other side of the equation.
4. Isolate the variable by dividing both sides of the equation by the coefficient.
5. Check your answer.

Solve.