

Solving Equations/Inequalities

Variables on One Side

- 1 Define the variable, if necessary.
- 2 Write the equation or inequality.
- 3 Use the distributive property to get rid of any parentheses.
- 4 Combine like terms separately on each side.
- 5 Eliminate the constant term (number by itself) from the side with the variable using addition or subtraction.
- 6 Cancel the coefficient (number in front of or under the variable) using multiplication or division.
- 7 Check the solution by substitution.
- 8 Graph the solution on a number line.

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