

4 Step Problem Solving Model

1. Read and Understand the Problem
2. Find the Relevant Facts
3. Solve the Problem
4. Check Your Solution

Problem Solving Strategies

1. Make a Table
2. Solve an Equation
3. Make an Organized List
4. Graph It
5. Solve a Simpler Problem
6. Guess, Check and Revise
7. Look For a Pattern
8. Use Logical Reasoning
9. Work Backwards
10. Draw a Picture

Solving Algebraic Word Problems

1. What is your unknown?
2. Define a variable for that unknown quantity
3. Determine the operation needed and set up an equation.
4. Solve the equation
5. Review your solution. Going back to the word problem and ask yourself, "Does my answer make sense?"