

P r o b l e m S o l v i n g

Step 1: Understand

Read the Problem

- What is the problem about?
- What do I need to find out?
- What information is important?
- Can I draw a picture or make a model?
- Can I restate the problem in my own words?

Step 2: Plan

Make a Plan to Solve the Problem

- What strategy could I use?
 - Work Backwards
 - Look for a Pattern
 - Solve a Simpler Problem
 - Make a Model or Drawing
 - Act it Out
- What tools do I need?

Step 3: Do

Solve the Problem

- Estimate. Is my answer reasonable?
- First, I'll try...
- Is my answer precise?

Step 4: Check

Check the Problem

- Does my answer make sense?
- Does it match my estimate?
- Can I solve it another way?