

Problem-Solving Plan

Problem-Solving Strategies

- Use a verbal model.
- Draw a diagram.
- Write an equation.
- Solve a simpler problem.
- Sketch a graph or number line.
- Make a table.
- Make a list.
- Break the problem into parts.

UNDERSTAND THE PROBLEM.

1. What do you know?
2. What do the terms mean?
3. What do you need to find?

MAKE A PLAN.

1. Choose a strategy.
2. How do the facts relate to each other?
3. Describe your plan.

SOLVE AND CHECK.

1. Use your strategy to solve the problem.
2. If the plan does not work, revise it or start over with a different plan.
3. Does your answer make sense?
4. Did you answer the question?

