

## Problem-Solving Model

### Determine the problem

- What is the question?
- What question needs to be answered?
- What is being asked to be solved?
- Circle the question.

### Choose a Plan or Strategy

What are the facts?

- Find the strategy that may possibly solve the problem.
- What conditions exist in the problem that make solving it difficult?

### Solve It

- Try your plan or strategy.
- If the plan doesn't work, choose another strategy

### Look Back

- Check your answer; did you answer the original question?
- Reread the problem and check the solution to see if it answers the question.
- Is the solution logical?
- Is the solution reasonable?

### Reflect or Extend What You Have Done.

- Explain what you did; justify your solution.
- Explain what you did.
- Apply this to a real-life situation.
- Determine how this situation can be used later.