

# STEPS TO PROBLEM SOLVING

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## The Question

What questions do I need to answer?



## 2 The Facts

What do I know?



Is there any *missing* information?

Is there any *irrelevant* information?

## 3 The Plan/Strategy

What steps can I take to answer the question?

Some Strategies for Problem Solving:

- Look for a pattern
- Set up an equation/expression
- Make a chart
- Draw a picture
- Make a model
- Make a list
- Guess and check
- Solve a simpler problem



## 4 The Solution

Now, the fun part...  
Solve your problem.



## 5 The Check

Does my solution answer the question?



Is my solution reasonable?