

## Problem Solving Checklist

Name \_\_\_\_\_

Problem \_\_\_\_\_

1. Underline the facts in the problem.
2. Write and finish the sentence: I need to...
3. I will...
  - Make a diagram and key
  - Make a table
  - Make a chart
  - Make an organized list
  - Make a graph
  - Look for a pattern
  - Use logical thinking
  - Work backwards
  - Use another plan
4. Show all my work and thinking.
  - Use mathematical language
  - Use correct mathematical representation—remember your labels
5. Label my answer and highlight it.
6. Make a mathematical Connection
  - I noticed something mathematical about my solution.
  - I identified a pattern.
  - I did the same problem again using a different mathematical process to show how my solution is correct.
  - I did the problem again using different numbers.
  - I found a rule that would work for this problem and used it more than one time.
  - I compared this problem to another one and told how the mathematics was the same.