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.