

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.