

Math Problem-Solving Strategies Review

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Understanding Our Toolkit

Name: _____

Date: _____

Answer the following questions based on what you learned about problem-solving strategies.

- Which strategy helps you visualize the problem?
 - Make a table
 - Draw a picture
 - Work backwards
- One way to organize information is to make a ____.
- Finding a pattern is one of the four problem-solving strategies.
 True False
- What are two benefits of using problem-solving strategies in math?

- What strategy would you use if you want to start with the answer and go backward?
 - Find a pattern
 - Draw a picture
 - Work backwards
- God provides wisdom, which is important for solving ____.
- The Problem-Solving Strategy Toolkit has three strategies.
 True False
- How can you apply these problem-solving strategies in other subjects besides math?

- Which strategy would you use to help you understand the relationships in a problem?
 - Draw a picture
 - Find a pattern
 - Make a table
- Perseverance and creative thinking are important for solving ____ problems.

Answer Key

1. Draw a picture 2. table 3. True 4. They help us understand the problem better and make it easier to find the solution. 5. Work backwards 6. challenges 7. False 8. I can use them in science to organize experiments or in writing to plan my stories. 9. Find a pattern 10. mathematical