

Math Problem-Solving Strategies Review

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Understanding and Applying Strategies

Name: _____

Date: _____

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

1. Which of the following is NOT one of the five problem-solving strategies?

- A. Draw diagrams
- B. Make tables
- C. Skip steps

2. The scripture from Proverbs 4:7 teaches us that wisdom is ____.

3. Describe one way that making tables can help you solve a math problem.

4. Looking for patterns is an important problem-solving strategy.

- True False

5. What is the purpose of the 'work backwards' strategy?

- A. To guess randomly
- B. To start from the solution and trace steps
- C. To make things more complicated

6. How can the problem-solving strategies you learned be applied in other areas of life?

7. The strategy of 'guess and check' involves systematically testing potential ____.

8. Systematic thinking is a quality that God values according to the lesson.

- True False

9. Which strategy would be best for visual learners?

- A. Guess and check
- B. Draw diagrams
- C. Work backwards

10. Why is it important to be flexible when applying different problem-solving strategies?

Answer Key

1. Skip steps 2. supreme 3. Making tables helps organize information so I can see the relationships between different numbers clearly. 4. True 5. To start from the solution and trace steps 6. These strategies can help in planning events, making decisions, or even solving conflicts by organizing thoughts and finding solutions. 7. solutions 8. True 9. Draw diagrams 10. Being flexible allows us to adapt our approach based on the problem, which can lead to better solutions.