Multiplication Strategies Toolbox Review

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Understanding Multi-Digit Multiplication

Name: _____ Date: _____

Answer the following questions based on what you learned in the lesson about multiplication strategies.

1. What was your favorite multiplication strategy today? Explain why it was your favorite.

2. What is one method of multiplication discussed in the lesson?

- **A.** Standard algorithm
- **B.** Subtraction method
- **C.** Division method

3. The area model is a way to visualize multiplication.

◯ True ◯ False

4. Understanding multiplication helps us appreciate God's ___ in creation.

5. How does multiplication show God's principle of abundance? Provide an example.

6. Which of the following explains multiplication as repeated addition?

- **A.** 5 × 3 means 5 added together 3 times
- **B.** 5 × 3 means 5 subtracted from 3 times
- **C.** 5 × 3 means 5 divided by 3 times

7. The standard algorithm involves breaking down numbers into smaller parts.

◯ True ◯ False

8. The partial products method involves finding individual products and then ___ them together.

9. How can precise mathematical thinking honor God? Explain in a few sentences.

10. What was one of the main teaching points from the lesson?

- **A.** Multiplication is only for big numbers
- **B.** Mathematical thinking is chaotic
- **C.** Developing multiple problem-solving approaches is important

Answer Key

1. My favorite strategy was the area model because it helped me visualize the multiplication process clearly. 2. Standard algorithm 3. True 4. design 5. Multiplication shows abundance because it allows us to see how one group of things can increase many times. For example, 4 groups of 5 apples means we have 20 apples total, showing how God provides more than enough. 6. 5 × 3 means 5 added together 3 times 7. False 8. adding 9. Precise mathematical thinking honors God because it reflects His orderly design in creation. Just as God created the universe with precision, using accurate methods in math helps us understand and appreciate that order. 10. Developing multiple problem-solving approaches is important