

Three-Digit Multiplication Expedition Review

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Test your understanding of multi-digit multiplication!

Name: _____

Date: _____

Answer the following questions based on today's lesson about three-digit and two-digit multiplication.

1. What is one method used to help visualize place value in multiplication?

- A. Number line
- B. Area model
- C. Graph paper

2. The house that Solomon built was described as ____ because of its great size.

3. Explain why accuracy is important in mathematical calculations, especially in construction.

4. We can use multiplication to find out how many boards are needed to build a wall.

- True False

5. Which of the following is a step in the standard algorithm for multiplication?

- A. Add the numbers together
- B. Multiply each digit separately
- C. Divide the numbers

6. Using grid paper can help us organize our work and keep track of ____ values during multiplication.

7. What was the most challenging part of today's lesson for you? Describe it.

8. Multiplication is not necessary for builders when planning measurements.

- True False

9. How might builders use multiplication in real-world scenarios?

- A. To make estimates for material costs
- B. To calculate the area of a room
- C. Both A and B

10. In what ways can breaking down problems into smaller steps help you solve them? Give an example.

Answer Key

1. Area model 2. great 3. Accuracy is crucial because mistakes can lead to incorrect measurements, which can affect the stability and safety of a building. Builders rely on precise calculations to ensure everything fits together correctly. 4. True 5. Multiply each digit separately 6. place 7. The most challenging part was remembering to carry over numbers when multiplying. It made the calculations a bit tricky, but I practiced and got better. 8. False 9. Both A and B 10. Breaking down problems makes them easier to manage and reduces mistakes. For example, when multiplying 345 by 10, then by 2, and finally adding the results together.