

Decimal Times Decimal Review

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Understanding Decimal Multiplication

Name: _____

Date: _____

Answer the following questions based on what you learned about multiplying decimals.

1. What is the first step in multiplying decimals?

- A. Count the decimal places
- B. Draw an area model
- C. Multiply as if they are whole numbers

2. What happens when you multiply a decimal less than 1 by a whole number?

3. In decimal multiplication, we place the decimal point by counting the total number of ____ in both factors.

4. Area models are not useful for understanding decimal multiplication.

- True False

5. How do area models help us understand multiplication?

6. Which of the following statements is true about multiplying decimals?

- A. It is different from multiplying whole numbers.
- B. We can ignore the decimal points.
- C. We use the same multiplication rules as whole numbers.

7. Proverbs 22:29 reminds us that being skilled in our work shows ____ and attention to detail.

8. Decimal multiplication can be visualized with area models.

- True False

9. What are some benefits of using area models in decimal multiplication?

10. What does Proverbs 22:29 teach us about our work?

- A. Skill is unimportant.
- B. Precision in our work leads to recognition.
- C. All work is equal.

Answer Key

1. Multiply as if they are whole numbers 2. The product will be smaller than the whole number because you're finding a part of it. 3. decimal places 4. False 5. They visually represent the product, showing how factors combine to form a total area. 6. We use the same multiplication rules as whole numbers. 7. skill 8. True 9. They help us visualize the multiplication process and understand the relationship between the factors and the product. 10. Precision in our work leads to recognition.