

Division and Multiplication: Inverse Operations

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Understanding Relationships in Math

Name: _____

Date: _____

Answer the following questions about multiplication and division as inverse operations.

1. What is multiplication like?

- A. Finding the total of equal groups
- B. Subtracting numbers
- C. Dividing into parts

2. Division is splitting into ____ groups.

3. How do multiplication and division relate to each other?

4. Match the operation with its description.

Multiplication

Repeated addition

Division

Splitting into equal groups

5. What happens when you divide and then multiply back?

- A. You get the same number you started with
- B. You get a larger number
- C. You get a smaller number

6. God is a God of order, not of ____.

7. Can you give an example of an inverse operation?

8. What is the main focus of today's lesson?

- A. Only multiplication
- B. Only division
- C. Multiplication and division together

9. Multiplication and division can check each other's work.

True False

10. Why is it important to understand inverse operations?

Answer Key

1. Finding the total of equal groups 2. equal 3. They are inverse operations and undo each other's work. 4. Repeated addition 5. You get the same number you started with 6. disorder 7. Multiplication and division are examples of inverse operations. 8. Multiplication and division together 9. True 10. It helps us solve problems and understand math better.