

Array Art and Multiplication

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Understanding Multiplication with Arrays

Name: _____

Date: _____

Answer the following questions based on the lesson about multiplication and array art.

1. What did you discover about multiplication today?

2. What does each row in an array represent?

- A. A multiplication fact
- B. A number line
- C. A shape

3. Arrays help us visualize multiplication as ____ addition.

4. Match the multiplication fact with its array representation.

3 x 4

4 rows of 3

6 x 1

1 row of 6

5. Which multiplication fact is represented by 3 rows of 6?

- A. 3 x 4
- B. 3 x 6
- C. 4 x 6

6. God's orderly design in mathematics helps us ____ our thoughts and plans.

7. How are arrays helpful in understanding math?

8. What is the main purpose of creating array art?

- A. To make math fun
- B. To understand multiplication
- C. To decorate the classroom

9. Arrays can be used to show multiplication as repeated addition.

True False

10. What patterns do you see in multiplication?

Answer Key

1. I learned that multiplication is like adding groups of numbers together. 2. A multiplication fact 3. repeated 4. 4 rows of 3 5. 3 x 6 6. organize 7. They show how numbers group together and make problems easier to solve. 8. To understand multiplication 9. True 10. I see that numbers can be grouped in different ways to make larger numbers.