

# Understanding Multiplication Arrays

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## Review Questions on Rows and Columns of Order

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about multiplication arrays.

1. What is an array?

- A. A type of fruit
- B. A grid of equal groups
- C. A math operation

2. An array has rows that go \_\_\_\_ and columns that go \_\_\_\_.

3. How can we use arrays to help us understand multiplication?

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4. Match the multiplication problem with its array representation.

3 × 4

3 rows of 4

4 × 3

4 rows of 3

5. Arrays can help us understand that  $3 \times 4$  is the same as  $4 \times 3$ .

- True       False

6. What did we learn about the commutative property of multiplication?

- A. It means multiplication is not the same
- B. It shows that  $3 \times 4$  equals  $4 \times 3$
- C. It has nothing to do with arrays

7. God values order and \_\_\_\_ in all things.

8. Why is it important to have order in our work, according to 1 Corinthians 14:40?

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9. How can we create visual representations of multiplication problems?

- A. By drawing pictures
- B. By using arrays
- C. By writing equations

10. We can count the number of \_\_\_\_ and columns to find the total objects in an array.

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### Answer Key

1. A grid of equal groups   2. horizontally, vertically   3. Arrays show groups of equal size, making it easier to see how multiplication works.   4. 3 rows of 4   5. true   6. It shows that  $3 \times 4$  equals  $4 \times 3$    7. intentionality   8. Order helps us do things properly and makes it easier to understand and follow.   9. By using arrays   10. rows