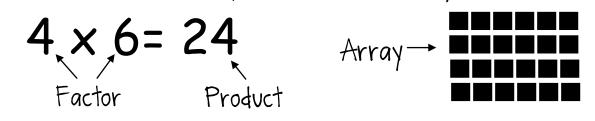# Go Math Chapter 3 Vocabulary

Chapter Essential Question: How can you add and subtract whole numbers and decide if an answer is reasonable?

1. **Equal Groups**—Groups that have the same number of objects.

2. **Factor**—A number that is multiplied by another number to find a product.

3. **Multiply**—When you combine equal groups, you can multiply to find how many in all; the opposite operation of division.

4. **Product**—The answer in a multiplication problem.

5. **Addition**—The process of finding the total number of items when two or more groups of items are joined the opposite operation of subtraction.

6. **Array**—An arrangement of objects in rows and columns.

7. **Commutative Property of Multiplication**—The property that states that you can multiply two factors in any order and get the same product. *Example:* 2 × 4 = 8 or 4 × 2 = 8

8. **Identity Property of Multiplication**—The property that states that the product of any number and 1 is that number. *Example:* 5 × 1 = 5 or 1 × 8 = 8

9. **Zero Property of Multiplication**—The property that states that the product of zero and any number is zero. *Example:* 0 × 6 = 0

■ $4 \times 6 = 24$

Factor   Product

Array →