

Eureka Math

Module 1

3rd grade Vocabulary

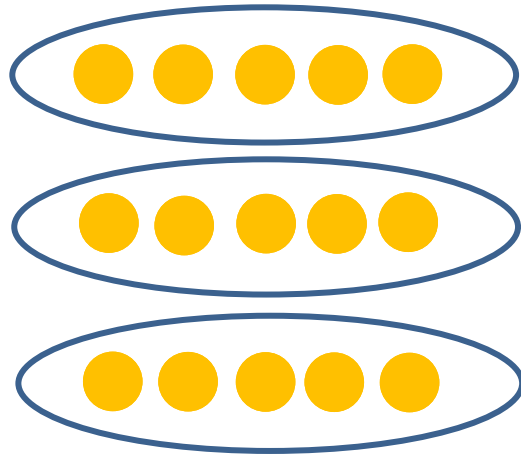
By Miss Katie

Factor

$$3 \times 3 = 9$$

***** A number that is multiplied by another number.**

Equal Groups



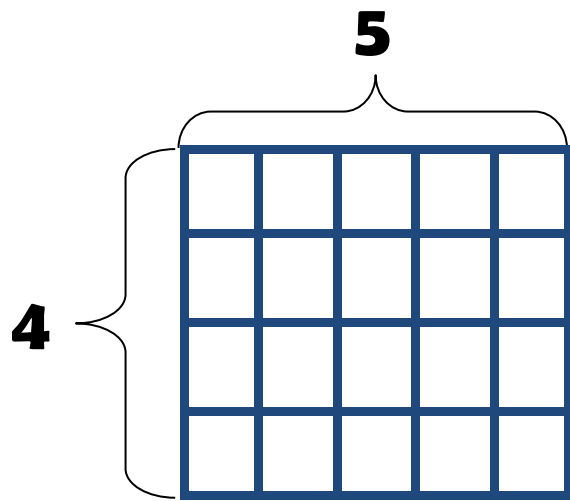
***** Groups with the same
number of objects.**

Commutative Property of Multiplication

$$3 \times 5 = 5 \times 3$$

*** The property that states that the order in which two numbers are multiplied does not change the product.

Array

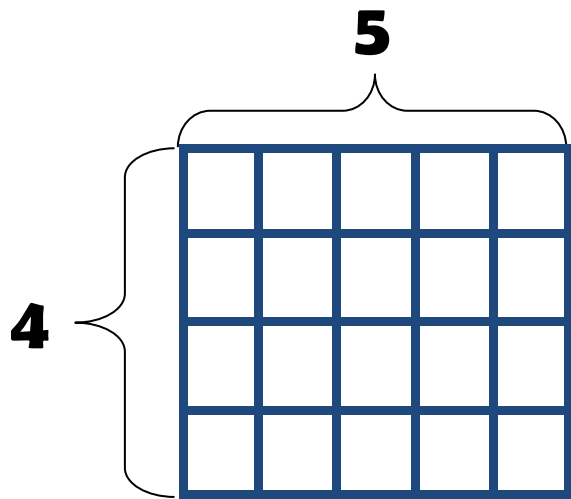


rows	number in each row	total
↓	↓	↓
4	x 5	= 20

***** Objects or symbols displayed in rows of the same length and columns of the same length.**

Multiply

Multiplication



$$4 \times 5 = 20$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$$

*** An operation on two number to find their product.

Repeated Addition

$$3 + 3 + 3 = 9$$

*** Adding the same number
more than once.

Product

$$3 \times 3 = 9$$

***** The answer to an
multiplication sentence.**

Multiple

$$3 \times 1 = 3 \quad 3 \times 2 = 6 \quad 3 \times 3 = 9$$

$$3 \times 4 = 12 \quad 3 \times 5 = 15 \quad \dots$$

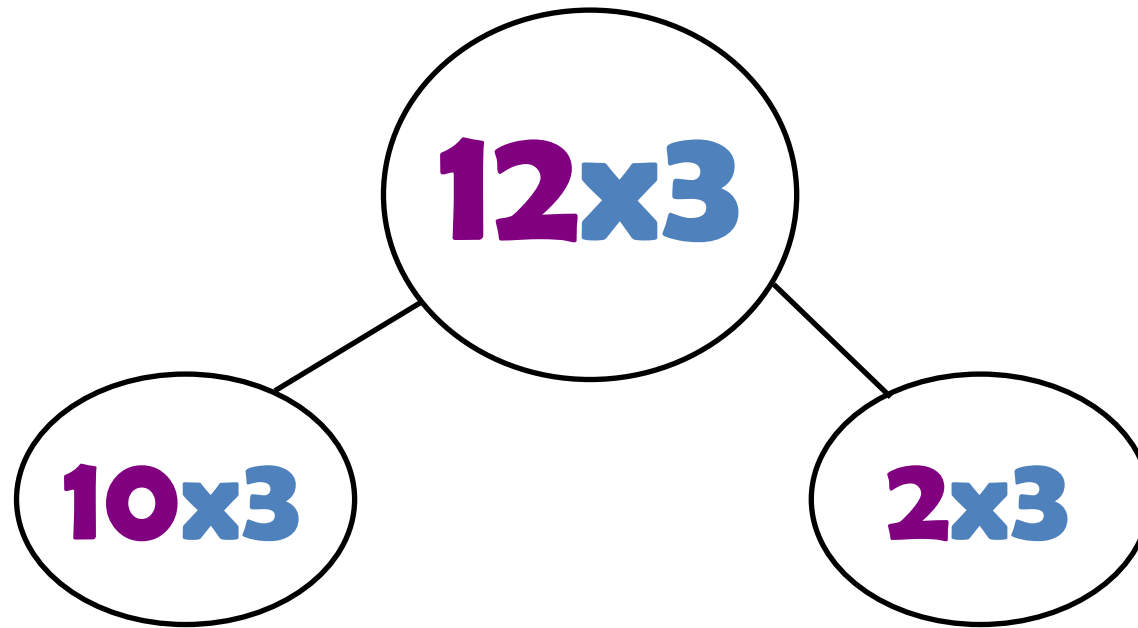
*****A multiple of a number is the product of that number and any other number .**

Quotient

$$9 \div 3 = 3$$

***** The answer to a division problem.**

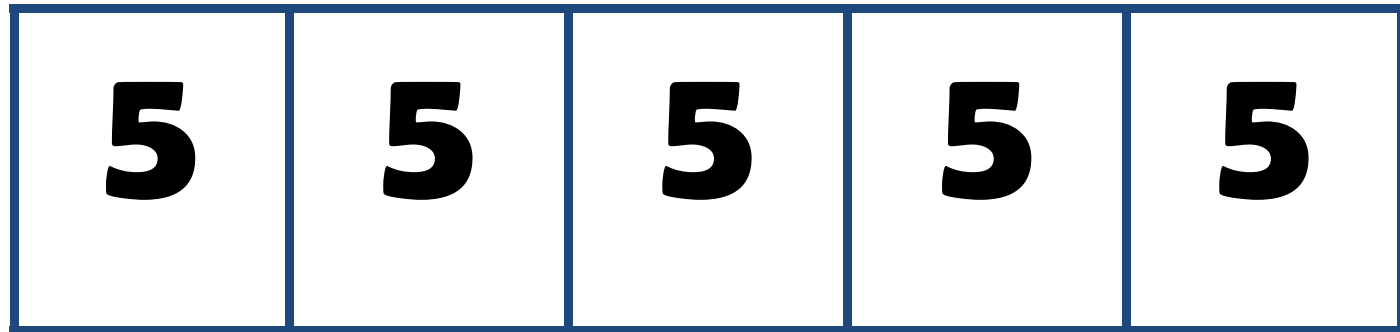
Distribute



*****Dividing a number into
two smaller parts.**

Unit

One unit of five



*****Quantity formed by one
part of the whole .**

Unknown

$$3 \times 3 = \square$$

*****A missing number or the number to be solved for.**

Divisor

$$9 \div 3 = 3$$

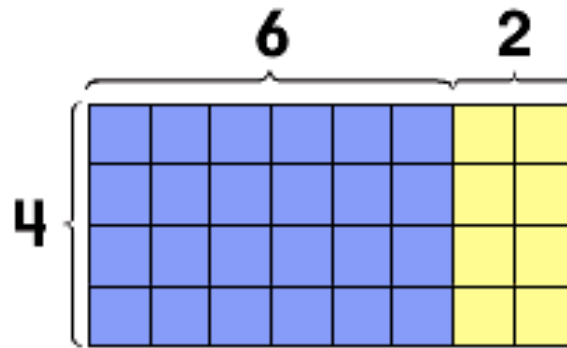
*****The number by which the dividend is being divided .**

Dividend

$$9 \div 3 = 3$$

*****The number that is being
divided.**

Distributive Property



$$4 \times 8 = (4 \times 6) + (4 \times 2)$$

*****This property allows you to decompose one factor into addends that are easier to multiply.**