

Topic
4

Lesson
2

Understand it!

Multiplication properties can be used to remember basic facts.

Understanding Multiplication Properties

How can properties help you multiply?

Multiplication properties can help you remember basic facts.

Commutative Property of Multiplication

Two numbers can be multiplied in any order and the product will be the same.



3 groups of 2 (6 in total)



2 groups of 3 (6 in total)

$$3 \times 2 = 2 \times 3$$



Zero Property of Multiplication

The product of any number and zero is zero.

2 groups of 0



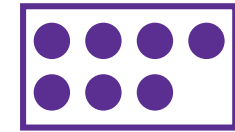
$$2 \times 0 = 0$$



Identity Property of Multiplication

The product of any number and one is that number.

1 group of 7



$$1 \times 7 = 7$$

