

Math Properties



ADDITION

MULTIPLICATION



Commutative

Property of Addition



$$4 + 5 = 9$$

$$4 + 5 = 5 + 4$$

$$5 + 4 = 9$$

$$9 = 9$$

Commutative

Property of Multiplication



$$4 \times 5 = 20$$

$$4 \times 5 = 5 \times 4$$

$$5 \times 4 = 20$$

$$20 = 20$$



Identity

Property of Addition

$$3 + 0 = 3$$

Identity

Property of Multiplication

$$3 \times 1 = 3$$



Zero

Property of Multiplication

$$3 \times 0 = 0$$



Associative

Property of Addition



$$(2 + 5) + 4 = 11$$

$$2 + (5 + 4) = 11$$

$$(2 + 5) + 4 = 2 + (5 + 4)$$

Associative

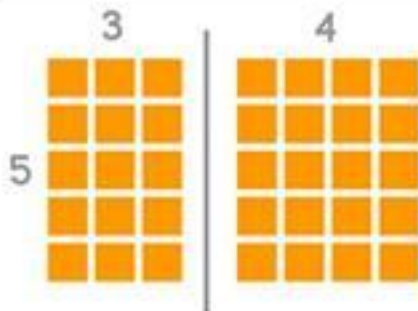
Property of Multiplication



$$(2 \times 5) \times 4 = 40$$

$$2 \times (5 \times 4) = 40$$

$$(2 \times 5) \times 4 = 2 \times (5 \times 4)$$



$$5 \times 7 = 35$$

$$5 \times (3 + 4) = 35$$

$$(5 \times 3) + (5 \times 4) = 35$$

15 + 20 = 35

Distributive Property

