Properties of Multiplication

Term	What it means	Example
Commutative	Order doesn't matter	$3 \times 7 = 7 \times 3$
Associative	Grouping doesn't matter	$(2 \times 3) \times 4 = 2 \times (3 \times 4)$
Distributive	Break apart a factor	$6 \times 13 = 6 \times 10 + 6 \times 3$
Identity	Times 1 stays the same	$9 \times 1 = 9$
Zero	Times 0 is always 0	$9 \times 0 = 0$