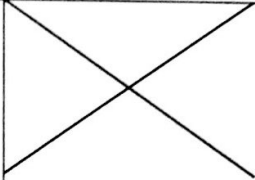


Section 1-4: Properties of Real Numbers

Objectives: 1) To identify and use properties of real numbers.

Property Name	What it Means	Example "of addition"	Example "of multiplication"
Commutative	#'s will change order	$3+5=5+3$	$5 \cdot 3=3 \cdot 5$
Associative	Parenthesis around grouping will change	$2+(3+4)=$ $(2+3)+4$	$(2 \cdot 3) \cdot 4=2 \cdot (3 \cdot 4)$
Identity	Remain the same #	$4+0=4$	$4 \cdot 1=4$
Inverse	Opposite/ reciprocal of #	$5+-5=0$	$5 \cdot \frac{1}{5}=1$
Multiplicative of Zero	Any # you multiply by 0 equals 0		$5 \cdot 0=0$
Distributive Property	$a(b+c)=$ $ab+ac$	$6(x+2)=6x+12$	