

1-4 Properties of Real Numbers**Write the name of the property illustrated:**

Commutative Prop of Addition,
Commutative Prop of Multiplication,
Associative Prop of Addition,
Associative Prop of Multiplication,
Zero Prop of Multiplication,
Distributive Prop,
Multiplication Prop of -1,
Identity Prop of Multiplication,
Identity Prop of Addition

1. $a + b + c + 0 = a + b + c$

Identity Property of Addition

2. $-1(-5) = 5$

Multiplication Property of -1

3. $x \cdot (-1) = (-1) \cdot x$

Commutative Property of Multiplication**Simplify:**

$$\begin{aligned} 4. & -(2x - 3) \\ & = -1(2x - 3) \\ & = \boxed{-2x + 3} \end{aligned}$$

$$\begin{aligned} 5. & -3(x^2 + x - 2) \\ & = \boxed{-3x^2 - 3x + 6} \end{aligned}$$