

Expression	Property	Equivalent Expression
$5 + x$	Commutative	
$7(x + 3)$	Distributive	
$(a + b) + c$	Associative	
$4(2y - 5)$	Distributive	
$7(3x)$	Associative	
$7 \cdot c$	Commutative	
1 st Expression	2 nd Expression	Name of Property
$(4 + 5) + 9$	$4 + (5 + 9)$	
$8(2w + 5)$	$16w + 40$	
$8 \cdot (4 \cdot 5)$	$(8 \cdot 4) \cdot 5$	
$2 + m$	$m + 2$	
$6(3 + h)$	$6 \cdot 3 + 6 \cdot h$	
$8 \cdot x$	$x \cdot 8$	
Identity Property		Example
Identity Property of Multiplication		
Identity Property of Addition		

Expression	Property	Equivalent Expression
$5 + x$	Commutative	
$7(x + 3)$	Distributive	
$(a + b) + c$	Associative	
$4(2y - 5)$	Distributive	
$7(3x)$	Associative	
$7 \cdot c$	Commutative	
1 st Expression	2 nd Expression	Name of Property
$(4 + 5) + 9$	$4 + (5 + 9)$	
$8(2w + 5)$	$16w + 40$	
$8 \cdot (4 \cdot 5)$	$(8 \cdot 4) \cdot 5$	
$2 + m$	$m + 2$	
$6(3 + h)$	$6 \cdot 3 + 6 \cdot h$	
$8 \cdot x$	$x \cdot 8$	
Identity Property		Example
Identity Property of Multiplication		
Identity Property of Addition		