

Fill in the Blanks

Expanding Harder Double Brackets

Double Brackets Form	Grid			Expanded Form	Simplified Expanded Form
$(2x + 1)(x + 5)$	×	$2x$	$+1$	$2x^2 + x + 10x + 5$	
	x	$2x^2$	$+x$		
	$+5$	$+10x$	$+5$		
$(x + 3)(3x + 2)$	×	x	$+3$		
	$3x$	$3x^2$	$+9x$		
	$+2$	$+2x$	$+6$		
$(2x + 7)(x + 1)$	×	$2x$	$+7$		
	x				
	$+1$				
$(4x + 3)(x + 3)$	×				
	x				
	$+3$				
$(2x + 1)(x - 3)$	×	$2x$	$+1$		
	x				
	-3	$-6x$	-3		
$(3x + 1)(x - 5)$	×	$3x$	$+1$		
	x				
	-5				

Double Brackets Form	Grid			Expanded Form	Simplified Expanded Form
$(2x - 5)(x + 3)$	×	$2x$	-5		
	x				
	$+3$				
$(6x - 1)(x + 5)$	×				
$(2x - 3)(x - 2)$	×	$2x$	-3		
	x				
	-2		$+6$		
$(3x - 1)(x - 8)$	×				
$(3x + 1)(2x - 1)$	×	$3x$	$+1$		
	$2x$	$6x^2$			
	-1				
$(2x + 1)^2$	×	$2x$	$+1$		
	$2x$				
	$+1$				
$(3 - 5x)^2$	×	3	$-5x$		
	3				
	$-5x$				