

# Fill in the Blanks

# Expanding Repeated Brackets

Question	Multiply first two brackets			Simplify first two brackets	Multiply by third bracket				Simplified Answer
$(x + 3)(x - 2)^2$ $= (x + 3)(x - 2)(x - 2)$	×	x	+3	$x^2 + x - 6$	×	$x^2$	+x	-6	
	x	$x^2$	+3x		x				
	-2	-2x	-6		-2				
$(y - 5)(y + 1)^2$	×				×				
$(t + 6)(3t - 2)^2$	×				×				
$(x + 4)^3$	×				×				
$(2y - 3)^3$	×				×				