

Fill in the Blanks

Expanding & Factorising Quadratics

1 st Bracket	2 nd Bracket	Expanded Form	Simplified Form
$(x + 2)$	$(x + 5)$	$x^2 + 2x + 5x + 10$	$x^2 + 7x + 10$
$(x - 3)$	$(x + 6)$	$x^2 - 3x + 6x - 18$	$x^2 + 3x - 18$
$(x + 4)$	$(x - 5)$	$x^2 + 4x - 5x - 20$	$x^2 - x - 20$
$(x - 3)$	$(x - 2)$	$x^2 - 3x - 2x + 6$	$x^2 - 5x + 6$
$(x + 3)$	$(x + 7)$	$x^2 + 3x + 7x + 21$	$x^2 + 10x + 21$
$(x - 5)$	$(x + 1)$	$x^2 - 5x + x - 5$	$x^2 - 4x - 5$
$(x + 9)$	$(x + 2)$	$x^2 + 9x + 2x + 18$	$x^2 + 11x + 18$
$(x + 5)$	$(x - 3)$	$x^2 + 5x - 3x - 15$	$x^2 + 2x - 15$
$(x - 4)$	$(x - 2)$	$x^2 - 4x - 2x + 8$	$x^2 - 6x + 8$
$(x + 9)$	$(x - 4)$	$x^2 + 9x - 4x - 36$	$x^2 + 5x - 36$
$(x + 4)$	$(x - 7)$	$x^2 + 4x + 7x + 28$	$x^2 + 11x + 28$
$(x + 4)$	$(x + 2)$	$x^2 + 4x + 2x + 8$	$x^2 + 6x + 8$
$(x + 1)$	$(x + 9)$	$x^2 + x + 9x + 9$	$x^2 + 10x + 9$
$(x + 8)$	$(x + 5)$	$x^2 + 8x + 5x + 40$	$x^2 + 13x + 40$
$(x - 4)$	$(x - 3)$	$x^2 - 4x - 3x + 12$	$x^2 - 7x + 12$
$(x + 7)$	$(x - 5)$	$x^2 + 7x - 5x - 35$	$x^2 + 2x - 35$
$(x - 2)$	$(x + 6)$	$x^2 - 2x + 6x - 12$	$x^2 + 4x - 12$
$(x - 1)$	$(x - 6)$	$x^2 - x - 6x + 6$	$x^2 - 7x + 6$
$(x - 10)$	$(x - 2)$	$x^2 - 10x - 2x + 20$	$x^2 - 12x + 20$
$(x - 4)$	$(x - 4)$	$x^2 - 4x - 4x + 16$	$x^2 - 8x + 16$