

Quadratic Factorising

Part 1: Review of expanding brackets

$(x + 1)(x + 2)$	$(x + 4)(x + 3)$	$(x + 5)(x + 2)$
$(x + 6)(x - 2)$	$(x + 9)(x - 3)$	$(x - 4)(x - 5)$

Part 2: factorising quadratics where all the terms are positive

$x^2 + 5x + 6$	$x^2 + 7x + 10$	$x^2 + 8x + 12$
$x^2 + 11x + 30$	$x^2 + 20x + 19$	$x^2 + 4x + 4$

Part 3: Factorising quadratics with negative terms as well

$x^2 + 2x - 8$	$x^2 + 5x - 14$	$x^2 + 3x - 10$
$x^2 + 7x - 18$	$x^2 - 10x - 24$	$x^2 - 7x - 44$
$x^2 - 9$	$x^2 - 16$	$x^2 - 144$

Part 4: Another type of factorising

$x^2 - 5x + 6$	$x^2 - 12x + 20$	$x^2 - 7x + 12$
$x^2 - 7x + 6$	$x^2 - 10x + 25$	$x^2 - 8x + 12$

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