Fill In The Blanks...

Factorising Quadratics

Quadratic Expression	Sum	Product	Pair of Values		Factorised Expression
$x^2 + 8x + 15$	$+8$	$+15$	$+5$	$+3$	$(x + 5)(x + 3)$
$x^2 + 5x + 6$	$+5$	$+6$	$+3$	$+2$	$(x + 3)(x + 2)$
$x^2 + 6x + 5$	$+6$	$+5$	$+5$	$+1$	$(x + 5)(x + 1)$
$x^2 + 10x + 21$	$+10$	$+21$	$+7$	$+3$	$(x + 7)(x + 3)$
$x^2 + 14x + 24$	$+14$	$+24$	$+12$	$+2$	$(x + 12)(x + 2)$
$x^2 - 7x + 10$	-7	$+10$	-5	-2	$(x - 5)(x - 2)$
$x^2 - 11x + 18$	-11	$+18$	-9	-2	$(x - 9)(x - 2)$
$x^2 + 3x - 10$	$+3$	-10	$+5$	-2	$(x + 5)(x - 2)$
$x^2 + 3x - 18$	$+3$	-18	$+6$	-3	$(x + 6)(x - 3)$
$x^2 + 11x + 18$	$+11$	$+18$	$+9$	$+2$	$(x + 9)(x + 2)$
$x^2 - 4x - 21$	-4	-21	-7	$+3$	$(x - 7)(x + 3)$
$x^2 - 8x - 9$	-8	-9	-9	$+1$	$(x - 9)(x + 1)$
$x^2 - 6x + 9$	-6	$+9$	-3	-3	$(x - 3)(x - 3)$
$x^2 + x - 20$	$+1$	-20	$+5$	-4	$(x + 5)(x - 4)$
$x^2 - x - 6$	-1	-6	-3	$+2$	$(x - 3)(x + 2)$
$x^2 - 19x - 42$	-19	-42	-21	$+2$	$(x - 21)(x + 2)$
$x^2 - 11x + 24$	-11	$+24$	-8	-3	$(x - 8)(x - 3)$
$x^2 + 4x - 5$	$+4$	-5	-1	$+5$	$(x - 1)(x + 5)$