

“All” Quadratic Trinomials

This is a list of all unique quadratic trinomials of the form $ax^2 + bx + c$ that are factorable over the integers whose magnitude of a is in the interval $2 \leq a \leq 10$ where there are greatest common factors between terms. There are 2656 unique trinomials on this list.

$2x^2 - 29x + 90 = (2x - 9)(x - 10)$	$2x^2 - 11x - 6 = (2x + 1)(x - 6)$	$2x^2 - 1x - 3 = (2x - 3)(x + 1)$
$2x^2 - 27x + 70 = (2x - 7)(x - 10)$	$2x^2 - 11x + 5 = (2x - 1)(x - 5)$	$2x^2 - 1x - 1 = (2x + 1)(x - 1)$
$2x^2 - 27x + 81 = (2x - 9)(x - 9)$	$2x^2 - 11x + 9 = (2x - 9)(x - 1)$	$2x^2 + 1x - 45 = (2x - 9)(x + 5)$
$2x^2 - 25x + 50 = (2x - 5)(x - 10)$	$2x^2 - 11x + 12 = (2x - 3)(x - 4)$	$2x^2 + 1x - 36 = (2x + 9)(x - 4)$
$2x^2 - 25x + 63 = (2x - 7)(x - 9)$	$2x^2 - 11x + 14 = (2x - 7)(x - 2)$	$2x^2 + 1x - 28 = (2x - 7)(x + 4)$
$2x^2 - 25x + 72 = (2x - 9)(x - 8)$	$2x^2 - 11x + 15 = (2x - 5)(x - 3)$	$2x^2 + 1x - 21 = (2x + 7)(x - 3)$
$2x^2 - 23x + 30 = (2x - 3)(x - 10)$	$2x^2 - 9x - 81 = (2x + 9)(x - 9)$	$2x^2 + 1x - 15 = (2x - 5)(x + 3)$
$2x^2 - 23x + 45 = (2x - 5)(x - 9)$	$2x^2 - 9x - 56 = (2x + 7)(x - 8)$	$2x^2 + 1x - 10 = (2x + 5)(x - 2)$
$2x^2 - 23x + 56 = (2x - 7)(x - 8)$	$2x^2 - 9x - 35 = (2x + 5)(x - 7)$	$2x^2 + 1x - 6 = (2x - 3)(x + 2)$
$2x^2 - 23x + 63 = (2x - 9)(x - 7)$	$2x^2 - 9x - 18 = (2x + 3)(x - 6)$	$2x^2 + 1x - 3 = (2x + 3)(x - 1)$
$2x^2 - 21x + 10 = (2x - 1)(x - 10)$	$2x^2 - 9x - 5 = (2x + 1)(x - 5)$	$2x^2 + 1x - 1 = (2x - 1)(x + 1)$
$2x^2 - 21x + 27 = (2x - 3)(x - 9)$	$2x^2 - 9x + 4 = (2x - 1)(x - 4)$	$2x^2 + 3x - 54 = (2x - 9)(x + 6)$
$2x^2 - 21x + 40 = (2x - 5)(x - 8)$	$2x^2 - 9x + 7 = (2x - 7)(x - 1)$	$2x^2 + 3x - 35 = (2x - 7)(x + 5)$
$2x^2 - 21x + 49 = (2x - 7)(x - 7)$	$2x^2 - 9x + 9 = (2x - 3)(x - 3)$	$2x^2 + 3x - 27 = (2x + 9)(x - 3)$
$2x^2 - 21x + 54 = (2x - 9)(x - 6)$	$2x^2 - 9x + 10 = (2x - 5)(x - 2)$	$2x^2 + 3x - 20 = (2x - 5)(x + 4)$
$2x^2 - 19x - 10 = (2x + 1)(x - 10)$	$2x^2 - 7x - 72 = (2x + 9)(x - 8)$	$2x^2 + 3x - 14 = (2x + 7)(x - 2)$
$2x^2 - 19x + 9 = (2x - 1)(x - 9)$	$2x^2 - 7x - 49 = (2x + 7)(x - 7)$	$2x^2 + 3x - 9 = (2x - 3)(x + 3)$
$2x^2 - 19x + 24 = (2x - 3)(x - 8)$	$2x^2 - 7x - 30 = (2x + 5)(x - 6)$	$2x^2 + 3x - 5 = (2x + 5)(x - 1)$
$2x^2 - 19x + 35 = (2x - 5)(x - 7)$	$2x^2 - 7x - 15 = (2x + 3)(x - 5)$	$2x^2 + 3x - 2 = (2x - 1)(x + 2)$
$2x^2 - 19x + 42 = (2x - 7)(x - 6)$	$2x^2 - 7x - 9 = (2x - 9)(x + 1)$	$2x^2 + 3x + 1 = (2x + 1)(x + 1)$
$2x^2 - 19x + 45 = (2x - 9)(x - 5)$	$2x^2 - 7x - 4 = (2x + 1)(x - 4)$	$2x^2 + 5x - 63 = (2x - 9)(x + 7)$
$2x^2 - 17x - 30 = (2x + 3)(x - 10)$	$2x^2 - 7x + 3 = (2x - 1)(x - 3)$	$2x^2 + 5x - 42 = (2x - 7)(x + 6)$
$2x^2 - 17x - 9 = (2x + 1)(x - 9)$	$2x^2 - 7x + 5 = (2x - 5)(x - 1)$	$2x^2 + 5x - 25 = (2x - 5)(x + 5)$
$2x^2 - 17x + 8 = (2x - 1)(x - 8)$	$2x^2 - 7x + 6 = (2x - 3)(x - 2)$	$2x^2 + 5x - 18 = (2x + 9)(x - 2)$
$2x^2 - 17x + 21 = (2x - 3)(x - 7)$	$2x^2 - 5x - 63 = (2x + 9)(x - 7)$	$2x^2 + 5x - 12 = (2x - 3)(x + 4)$
$2x^2 - 17x + 30 = (2x - 5)(x - 6)$	$2x^2 - 5x - 42 = (2x + 7)(x - 6)$	$2x^2 + 5x - 7 = (2x + 7)(x - 1)$
$2x^2 - 17x + 35 = (2x - 7)(x - 5)$	$2x^2 - 5x - 25 = (2x + 5)(x - 5)$	$2x^2 + 5x - 3 = (2x - 1)(x + 3)$
$2x^2 - 17x + 36 = (2x - 9)(x - 4)$	$2x^2 - 5x - 18 = (2x - 9)(x + 2)$	$2x^2 + 5x + 2 = (2x + 1)(x + 2)$
$2x^2 - 15x - 50 = (2x + 5)(x - 10)$	$2x^2 - 5x - 12 = (2x + 3)(x - 4)$	$2x^2 + 5x + 3 = (2x + 3)(x + 1)$
$2x^2 - 15x - 27 = (2x + 3)(x - 9)$	$2x^2 - 5x - 7 = (2x - 7)(x + 1)$	$2x^2 + 7x - 72 = (2x - 9)(x + 8)$
$2x^2 - 15x - 8 = (2x + 1)(x - 8)$	$2x^2 - 5x - 3 = (2x + 1)(x - 3)$	$2x^2 + 7x - 49 = (2x - 7)(x + 7)$
$2x^2 - 15x + 7 = (2x - 1)(x - 7)$	$2x^2 - 5x + 2 = (2x - 1)(x - 2)$	$2x^2 + 7x - 30 = (2x - 5)(x + 6)$
$2x^2 - 15x + 18 = (2x - 3)(x - 6)$	$2x^2 - 5x + 3 = (2x - 3)(x - 1)$	$2x^2 + 7x - 15 = (2x - 3)(x + 5)$
$2x^2 - 15x + 25 = (2x - 5)(x - 5)$	$2x^2 - 3x - 54 = (2x + 9)(x - 6)$	$2x^2 + 7x - 9 = (2x + 9)(x - 1)$
$2x^2 - 15x + 27 = (2x - 9)(x - 3)$	$2x^2 - 3x - 35 = (2x + 7)(x - 5)$	$2x^2 + 7x - 4 = (2x - 1)(x + 4)$
$2x^2 - 15x + 28 = (2x - 7)(x - 4)$	$2x^2 - 3x - 27 = (2x - 9)(x + 3)$	$2x^2 + 7x + 3 = (2x + 1)(x + 3)$
$2x^2 - 13x - 70 = (2x + 7)(x - 10)$	$2x^2 - 3x - 20 = (2x + 5)(x - 4)$	$2x^2 + 7x + 5 = (2x + 5)(x + 1)$
$2x^2 - 13x - 45 = (2x + 5)(x - 9)$	$2x^2 - 3x - 14 = (2x - 7)(x + 2)$	$2x^2 + 7x + 6 = (2x + 3)(x + 2)$
$2x^2 - 13x - 24 = (2x + 3)(x - 8)$	$2x^2 - 3x - 9 = (2x + 3)(x - 3)$	$2x^2 + 9x - 81 = (2x - 9)(x + 9)$
$2x^2 - 13x - 7 = (2x + 1)(x - 7)$	$2x^2 - 3x - 5 = (2x - 5)(x + 1)$	$2x^2 + 9x - 56 = (2x - 7)(x + 8)$
$2x^2 - 13x + 6 = (2x - 1)(x - 6)$	$2x^2 - 3x - 2 = (2x + 1)(x - 2)$	$2x^2 + 9x - 35 = (2x - 5)(x + 7)$
$2x^2 - 13x + 15 = (2x - 3)(x - 5)$	$2x^2 - 3x + 1 = (2x - 1)(x - 1)$	$2x^2 + 9x - 18 = (2x - 3)(x + 6)$
$2x^2 - 13x + 18 = (2x - 9)(x - 2)$	$2x^2 - 1x - 45 = (2x + 9)(x - 5)$	$2x^2 + 9x - 5 = (2x - 1)(x + 5)$
$2x^2 - 13x + 20 = (2x - 5)(x - 4)$	$2x^2 - 1x - 36 = (2x - 9)(x + 4)$	$2x^2 + 9x + 4 = (2x + 1)(x + 4)$
$2x^2 - 13x + 21 = (2x - 7)(x - 3)$	$2x^2 - 1x - 28 = (2x + 7)(x - 4)$	$2x^2 + 9x + 7 = (2x + 7)(x + 1)$
$2x^2 - 11x - 90 = (2x + 9)(x - 10)$	$2x^2 - 1x - 21 = (2x - 7)(x + 3)$	$2x^2 + 9x + 9 = (2x + 3)(x + 3)$
$2x^2 - 11x - 63 = (2x + 7)(x - 9)$	$2x^2 - 1x - 15 = (2x + 5)(x - 3)$	$2x^2 + 9x + 10 = (2x + 5)(x + 2)$
$2x^2 - 11x - 40 = (2x + 5)(x - 8)$	$2x^2 - 1x - 10 = (2x - 5)(x + 2)$	$2x^2 + 11x - 90 = (2x - 9)(x + 10)$
$2x^2 - 11x - 21 = (2x + 3)(x - 7)$	$2x^2 - 1x - 6 = (2x + 3)(x - 2)$	$2x^2 + 11x - 63 = (2x - 7)(x + 9)$

$2x^2 + 11x - 40 = (2x - 5)(x + 8)$	$3x^2 - 37x + 70 = (3x - 7)(x - 10)$	$3x^2 - 19x - 40 = (3x + 5)(x - 8)$
$2x^2 + 11x - 21 = (2x - 3)(x + 7)$	$3x^2 - 37x + 90 = (3x - 10)(x - 9)$	$3x^2 - 19x - 14 = (3x + 2)(x - 7)$
$2x^2 + 11x - 6 = (2x - 1)(x + 6)$	$3x^2 - 35x + 50 = (3x - 5)(x - 10)$	$3x^2 - 19x + 6 = (3x - 1)(x - 6)$
$2x^2 + 11x + 5 = (2x + 1)(x + 5)$	$3x^2 - 35x + 72 = (3x - 8)(x - 9)$	$3x^2 - 19x + 20 = (3x - 4)(x - 5)$
$2x^2 + 11x + 9 = (2x + 9)(x + 1)$	$3x^2 - 34x + 40 = (3x - 4)(x - 10)$	$3x^2 - 19x + 28 = (3x - 7)(x - 4)$
$2x^2 + 11x + 12 = (2x + 3)(x + 4)$	$3x^2 - 34x + 63 = (3x - 7)(x - 9)$	$3x^2 - 19x + 30 = (3x - 10)(x - 3)$
$2x^2 + 11x + 14 = (2x + 7)(x + 2)$	$3x^2 - 34x + 80 = (3x - 10)(x - 8)$	$3x^2 - 17x - 90 = (3x + 10)(x - 9)$
$2x^2 + 11x + 15 = (2x + 5)(x + 3)$	$3x^2 - 32x + 20 = (3x - 2)(x - 10)$	$3x^2 - 17x - 56 = (3x + 7)(x - 8)$
$2x^2 + 13x - 70 = (2x - 7)(x + 10)$	$3x^2 - 32x + 45 = (3x - 5)(x - 9)$	$3x^2 - 17x - 28 = (3x + 4)(x - 7)$
$2x^2 + 13x - 45 = (2x - 5)(x + 9)$	$3x^2 - 32x + 64 = (3x - 8)(x - 8)$	$3x^2 - 17x - 6 = (3x + 1)(x - 6)$
$2x^2 + 13x - 24 = (2x - 3)(x + 8)$	$3x^2 - 31x + 10 = (3x - 1)(x - 10)$	$3x^2 - 17x + 10 = (3x - 2)(x - 5)$
$2x^2 + 13x - 7 = (2x - 1)(x + 7)$	$3x^2 - 31x + 36 = (3x - 4)(x - 9)$	$3x^2 - 17x + 20 = (3x - 5)(x - 4)$
$2x^2 + 13x + 6 = (2x + 1)(x + 6)$	$3x^2 - 31x + 56 = (3x - 7)(x - 8)$	$3x^2 - 17x + 24 = (3x - 8)(x - 3)$
$2x^2 + 13x + 15 = (2x + 3)(x + 5)$	$3x^2 - 31x + 70 = (3x - 10)(x - 7)$	$3x^2 - 16x - 64 = (3x + 8)(x - 8)$
$2x^2 + 13x + 18 = (2x + 9)(x + 2)$	$3x^2 - 29x - 10 = (3x + 1)(x - 10)$	$3x^2 - 16x - 35 = (3x + 5)(x - 7)$
$2x^2 + 13x + 20 = (2x + 5)(x + 4)$	$3x^2 - 29x + 18 = (3x - 2)(x - 9)$	$3x^2 - 16x - 12 = (3x + 2)(x - 6)$
$2x^2 + 13x + 21 = (2x + 7)(x + 3)$	$3x^2 - 29x + 40 = (3x - 5)(x - 8)$	$3x^2 - 16x + 5 = (3x - 1)(x - 5)$
$2x^2 + 15x - 50 = (2x - 5)(x + 10)$	$3x^2 - 29x + 56 = (3x - 8)(x - 7)$	$3x^2 - 16x + 16 = (3x - 4)(x - 4)$
$2x^2 + 15x - 27 = (2x - 3)(x + 9)$	$3x^2 - 28x - 20 = (3x + 2)(x - 10)$	$3x^2 - 16x + 20 = (3x - 10)(x - 2)$
$2x^2 + 15x - 8 = (2x - 1)(x + 8)$	$3x^2 - 28x + 9 = (3x - 1)(x - 9)$	$3x^2 - 16x + 21 = (3x - 7)(x - 3)$
$2x^2 + 15x + 7 = (2x + 1)(x + 7)$	$3x^2 - 28x + 32 = (3x - 4)(x - 8)$	$3x^2 - 14x - 80 = (3x + 10)(x - 8)$
$2x^2 + 15x + 18 = (2x + 3)(x + 6)$	$3x^2 - 28x + 49 = (3x - 7)(x - 7)$	$3x^2 - 14x - 49 = (3x + 7)(x - 7)$
$2x^2 + 15x + 25 = (2x + 5)(x + 5)$	$3x^2 - 28x + 60 = (3x - 10)(x - 6)$	$3x^2 - 14x - 24 = (3x + 4)(x - 6)$
$2x^2 + 15x + 27 = (2x + 9)(x + 3)$	$3x^2 - 26x - 40 = (3x + 4)(x - 10)$	$3x^2 - 14x - 5 = (3x + 1)(x - 5)$
$2x^2 + 15x + 28 = (2x + 7)(x + 4)$	$3x^2 - 26x - 9 = (3x + 1)(x - 9)$	$3x^2 - 14x + 8 = (3x - 2)(x - 4)$
$2x^2 + 17x - 30 = (2x - 3)(x + 10)$	$3x^2 - 26x + 16 = (3x - 2)(x - 8)$	$3x^2 - 14x + 15 = (3x - 5)(x - 3)$
$2x^2 + 17x - 9 = (2x - 1)(x + 9)$	$3x^2 - 26x + 35 = (3x - 5)(x - 7)$	$3x^2 - 14x + 16 = (3x - 8)(x - 2)$
$2x^2 + 17x + 8 = (2x + 1)(x + 8)$	$3x^2 - 26x + 48 = (3x - 8)(x - 6)$	$3x^2 - 13x - 56 = (3x + 8)(x - 7)$
$2x^2 + 17x + 21 = (2x + 3)(x + 7)$	$3x^2 - 25x - 50 = (3x + 5)(x - 10)$	$3x^2 - 13x - 30 = (3x + 5)(x - 6)$
$2x^2 + 17x + 30 = (2x + 5)(x + 6)$	$3x^2 - 25x - 18 = (3x + 2)(x - 9)$	$3x^2 - 13x - 10 = (3x + 2)(x - 5)$
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$2x^2 + 17x + 36 = (2x + 9)(x + 4)$	$3x^2 - 25x + 28 = (3x - 4)(x - 7)$	$3x^2 - 13x + 10 = (3x - 10)(x - 1)$
$2x^2 + 19x - 10 = (2x - 1)(x + 10)$	$3x^2 - 25x + 42 = (3x - 7)(x - 6)$	$3x^2 - 13x + 12 = (3x - 4)(x - 3)$
$2x^2 + 19x + 9 = (2x + 1)(x + 9)$	$3x^2 - 25x + 50 = (3x - 10)(x - 5)$	$3x^2 - 13x + 14 = (3x - 7)(x - 2)$
$2x^2 + 19x + 24 = (2x + 3)(x + 8)$	$3x^2 - 23x - 70 = (3x + 7)(x - 10)$	$3x^2 - 11x - 70 = (3x + 10)(x - 7)$
$2x^2 + 19x + 35 = (2x + 5)(x + 7)$	$3x^2 - 23x - 36 = (3x + 4)(x - 9)$	$3x^2 - 11x - 42 = (3x + 7)(x - 6)$
$2x^2 + 19x + 42 = (2x + 7)(x + 6)$	$3x^2 - 23x - 8 = (3x + 1)(x - 8)$	$3x^2 - 11x - 20 = (3x + 4)(x - 5)$
$2x^2 + 19x + 45 = (2x + 9)(x + 5)$	$3x^2 - 23x + 14 = (3x - 2)(x - 7)$	$3x^2 - 11x - 4 = (3x + 1)(x - 4)$
$2x^2 + 21x + 10 = (2x + 1)(x + 10)$	$3x^2 - 23x + 30 = (3x - 5)(x - 6)$	$3x^2 - 11x + 6 = (3x - 2)(x - 3)$
$2x^2 + 21x + 27 = (2x + 3)(x + 9)$	$3x^2 - 23x + 40 = (3x - 8)(x - 5)$	$3x^2 - 11x + 8 = (3x - 8)(x - 1)$
$2x^2 + 21x + 40 = (2x + 5)(x + 8)$	$3x^2 - 22x - 80 = (3x + 8)(x - 10)$	$3x^2 - 11x + 10 = (3x - 5)(x - 2)$
$2x^2 + 21x + 49 = (2x + 7)(x + 7)$	$3x^2 - 22x - 45 = (3x + 5)(x - 9)$	$3x^2 - 10x - 48 = (3x + 8)(x - 6)$
$2x^2 + 21x + 54 = (2x + 9)(x + 6)$	$3x^2 - 22x - 16 = (3x + 2)(x - 8)$	$3x^2 - 10x - 25 = (3x + 5)(x - 5)$
$2x^2 + 23x + 30 = (2x + 3)(x + 10)$	$3x^2 - 22x + 7 = (3x - 1)(x - 7)$	$3x^2 - 10x - 8 = (3x + 2)(x - 4)$
$2x^2 + 23x + 45 = (2x + 5)(x + 9)$	$3x^2 - 22x + 24 = (3x - 4)(x - 6)$	$3x^2 - 10x + 3 = (3x - 1)(x - 3)$
$2x^2 + 23x + 56 = (2x + 7)(x + 8)$	$3x^2 - 22x + 35 = (3x - 7)(x - 5)$	$3x^2 - 10x + 7 = (3x - 7)(x - 1)$
$2x^2 + 23x + 63 = (2x + 9)(x + 7)$	$3x^2 - 22x + 40 = (3x - 10)(x - 4)$	$3x^2 - 10x + 8 = (3x - 4)(x - 2)$
$2x^2 + 25x + 50 = (2x + 5)(x + 10)$	$3x^2 - 20x - 100 = (3x + 10)(x - 10)$	$3x^2 - 8x - 60 = (3x + 10)(x - 6)$
$2x^2 + 25x + 63 = (2x + 7)(x + 9)$	$3x^2 - 20x - 63 = (3x + 7)(x - 9)$	$3x^2 - 8x - 35 = (3x + 7)(x - 5)$
$2x^2 + 25x + 72 = (2x + 9)(x + 8)$	$3x^2 - 20x - 32 = (3x + 4)(x - 8)$	$3x^2 - 8x - 16 = (3x + 4)(x - 4)$
$2x^2 + 27x + 70 = (2x + 7)(x + 10)$	$3x^2 - 20x - 7 = (3x + 1)(x - 7)$	$3x^2 - 8x - 3 = (3x + 1)(x - 3)$
$2x^2 + 27x + 81 = (2x + 9)(x + 9)$	$3x^2 - 20x + 12 = (3x - 2)(x - 6)$	$3x^2 - 8x + 4 = (3x - 2)(x - 2)$
$2x^2 + 29x + 90 = (2x + 9)(x + 10)$	$3x^2 - 20x + 25 = (3x - 5)(x - 5)$	$3x^2 - 8x + 5 = (3x - 5)(x - 1)$
$3x^2 - 40x + 100 = (3x - 10)(x - 10)$	$3x^2 - 20x + 32 = (3x - 8)(x - 4)$	$3x^2 - 7x - 40 = (3x + 8)(x - 5)$
$3x^2 - 38x + 80 = (3x - 8)(x - 10)$	$3x^2 - 19x - 72 = (3x + 8)(x - 9)$	$3x^2 - 7x - 20 = (3x + 5)(x - 4)$

$$\begin{aligned}
3x^2 - 7x - 10 &= (3x - 10)(x + 1) \\
3x^2 - 7x - 6 &= (3x + 2)(x - 3) \\
3x^2 - 7x + 2 &= (3x - 1)(x - 2) \\
3x^2 - 7x + 4 &= (3x - 4)(x - 1) \\
3x^2 - 5x - 50 &= (3x + 10)(x - 5) \\
3x^2 - 5x - 28 &= (3x + 7)(x - 4) \\
3x^2 - 5x - 12 &= (3x + 4)(x - 3) \\
3x^2 - 5x - 8 &= (3x - 8)(x + 1) \\
3x^2 - 5x - 2 &= (3x + 1)(x - 2) \\
3x^2 - 5x + 2 &= (3x - 2)(x - 1) \\
3x^2 - 4x - 32 &= (3x + 8)(x - 4) \\
3x^2 - 4x - 20 &= (3x - 10)(x + 2) \\
3x^2 - 4x - 15 &= (3x + 5)(x - 3) \\
3x^2 - 4x - 7 &= (3x - 7)(x + 1) \\
3x^2 - 4x - 4 &= (3x + 2)(x - 2) \\
3x^2 - 4x + 1 &= (3x - 1)(x - 1) \\
3x^2 - 2x - 40 &= (3x + 10)(x - 4) \\
3x^2 - 2x - 21 &= (3x + 7)(x - 3) \\
3x^2 - 2x - 16 &= (3x - 8)(x + 2) \\
3x^2 - 2x - 8 &= (3x + 4)(x - 2) \\
3x^2 - 2x - 5 &= (3x - 5)(x + 1) \\
3x^2 - 2x - 1 &= (3x + 1)(x - 1) \\
3x^2 - 1x - 30 &= (3x - 10)(x + 3) \\
3x^2 - 1x - 24 &= (3x + 8)(x - 3) \\
3x^2 - 1x - 14 &= (3x - 7)(x + 2) \\
3x^2 - 1x - 10 &= (3x + 5)(x - 2) \\
3x^2 - 1x - 4 &= (3x - 4)(x + 1) \\
3x^2 - 1x - 2 &= (3x + 2)(x - 1) \\
3x^2 + 1x - 30 &= (3x + 10)(x - 3) \\
3x^2 + 1x - 24 &= (3x - 8)(x + 3) \\
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3x^2 + 4x - 20 &= (3x + 10)(x - 2) \\
3x^2 + 4x - 15 &= (3x - 5)(x + 3) \\
3x^2 + 4x - 7 &= (3x + 7)(x - 1) \\
3x^2 + 4x - 4 &= (3x - 2)(x + 2) \\
3x^2 + 4x + 1 &= (3x + 1)(x + 1) \\
3x^2 + 5x - 50 &= (3x - 10)(x + 5) \\
3x^2 + 5x - 28 &= (3x - 7)(x + 4) \\
3x^2 + 5x - 12 &= (3x - 4)(x + 3) \\
3x^2 + 5x - 8 &= (3x + 8)(x - 1) \\
3x^2 + 5x - 2 &= (3x - 1)(x + 2) \\
3x^2 + 5x + 2 &= (3x + 2)(x + 1) \\
3x^2 + 7x - 40 &= (3x - 8)(x + 5) \\
3x^2 + 7x - 20 &= (3x - 5)(x + 4) \\
3x^2 + 7x - 10 &= (3x + 10)(x - 1)
\end{aligned}$$

$$\begin{aligned}
3x^2 + 7x - 6 &= (3x - 2)(x + 3) \\
3x^2 + 7x + 2 &= (3x + 1)(x + 2) \\
3x^2 + 7x + 4 &= (3x + 4)(x + 1) \\
3x^2 + 8x - 60 &= (3x - 10)(x + 6) \\
3x^2 + 8x - 35 &= (3x - 7)(x + 5) \\
3x^2 + 8x - 16 &= (3x - 4)(x + 4) \\
3x^2 + 8x - 3 &= (3x - 1)(x + 3) \\
3x^2 + 8x + 4 &= (3x + 2)(x + 2) \\
3x^2 + 8x + 5 &= (3x + 5)(x + 1) \\
3x^2 + 10x - 48 &= (3x - 8)(x + 6) \\
3x^2 + 10x - 25 &= (3x - 5)(x + 5) \\
3x^2 + 10x - 8 &= (3x - 2)(x + 4) \\
3x^2 + 10x + 3 &= (3x + 1)(x + 3) \\
3x^2 + 10x + 7 &= (3x + 7)(x + 1) \\
3x^2 + 10x + 8 &= (3x + 4)(x + 2) \\
3x^2 + 11x - 70 &= (3x - 10)(x + 7) \\
3x^2 + 11x - 42 &= (3x - 7)(x + 6) \\
3x^2 + 11x - 20 &= (3x - 4)(x + 5) \\
3x^2 + 11x - 4 &= (3x - 1)(x + 4) \\
3x^2 + 11x + 6 &= (3x + 2)(x + 3) \\
3x^2 + 11x + 8 &= (3x + 8)(x + 1) \\
3x^2 + 11x + 10 &= (3x + 5)(x + 2) \\
3x^2 + 13x - 56 &= (3x - 8)(x + 7) \\
3x^2 + 13x - 30 &= (3x - 5)(x + 6) \\
3x^2 + 13x - 10 &= (3x - 2)(x + 5) \\
3x^2 + 13x + 4 &= (3x + 1)(x + 4) \\
3x^2 + 13x + 10 &= (3x + 10)(x + 1) \\
3x^2 + 13x + 12 &= (3x + 4)(x + 3) \\
3x^2 + 13x + 14 &= (3x + 7)(x + 2) \\
3x^2 + 14x - 80 &= (3x - 10)(x + 8) \\
3x^2 + 14x - 49 &= (3x - 7)(x + 7) \\
3x^2 + 14x - 24 &= (3x - 4)(x + 6) \\
3x^2 + 14x - 5 &= (3x - 1)(x + 5) \\
3x^2 + 14x + 8 &= (3x + 2)(x + 4) \\
3x^2 + 14x + 15 &= (3x + 5)(x + 3) \\
3x^2 + 14x + 16 &= (3x + 8)(x + 2) \\
3x^2 + 16x - 64 &= (3x - 8)(x + 8) \\
3x^2 + 16x - 35 &= (3x - 5)(x + 7) \\
3x^2 + 16x - 12 &= (3x - 2)(x + 6) \\
3x^2 + 16x + 5 &= (3x + 1)(x + 5) \\
3x^2 + 16x + 16 &= (3x + 4)(x + 4) \\
3x^2 + 16x + 20 &= (3x + 10)(x + 2) \\
3x^2 + 16x + 21 &= (3x + 7)(x + 3) \\
3x^2 + 17x - 90 &= (3x - 10)(x + 9) \\
3x^2 + 17x - 56 &= (3x - 7)(x + 8) \\
3x^2 + 17x - 28 &= (3x - 4)(x + 7) \\
3x^2 + 17x - 6 &= (3x - 1)(x + 6) \\
3x^2 + 17x + 10 &= (3x + 2)(x + 5) \\
3x^2 + 17x + 20 &= (3x + 5)(x + 4) \\
3x^2 + 17x + 24 &= (3x + 8)(x + 3) \\
3x^2 + 19x - 72 &= (3x - 8)(x + 9) \\
3x^2 + 19x - 40 &= (3x - 5)(x + 8) \\
3x^2 + 19x - 14 &= (3x - 2)(x + 7) \\
3x^2 + 19x + 6 &= (3x + 1)(x + 6) \\
3x^2 + 19x + 20 &= (3x + 4)(x + 5)
\end{aligned}$$

$$\begin{aligned}
3x^2 + 19x + 28 &= (3x + 7)(x + 4) \\
3x^2 + 19x + 30 &= (3x + 10)(x + 3) \\
3x^2 + 20x - 100 &= (3x - 10)(x + 10) \\
3x^2 + 20x - 63 &= (3x - 7)(x + 9) \\
3x^2 + 20x - 32 &= (3x - 4)(x + 8) \\
3x^2 + 20x - 7 &= (3x - 1)(x + 7) \\
3x^2 + 20x + 12 &= (3x + 2)(x + 6) \\
3x^2 + 20x + 25 &= (3x + 5)(x + 5) \\
3x^2 + 20x + 32 &= (3x + 8)(x + 4) \\
3x^2 + 22x - 80 &= (3x - 8)(x + 10) \\
3x^2 + 22x - 45 &= (3x - 5)(x + 9) \\
3x^2 + 22x - 16 &= (3x - 2)(x + 8) \\
3x^2 + 22x + 7 &= (3x + 1)(x + 7) \\
3x^2 + 22x + 24 &= (3x + 4)(x + 6) \\
3x^2 + 22x + 35 &= (3x + 7)(x + 5) \\
3x^2 + 22x + 40 &= (3x + 10)(x + 4) \\
3x^2 + 23x - 70 &= (3x - 7)(x + 10) \\
3x^2 + 23x - 36 &= (3x - 4)(x + 9) \\
3x^2 + 23x - 8 &= (3x - 1)(x + 8) \\
3x^2 + 23x + 14 &= (3x + 2)(x + 7) \\
3x^2 + 23x + 30 &= (3x + 5)(x + 6) \\
3x^2 + 23x + 40 &= (3x + 8)(x + 5) \\
3x^2 + 25x - 50 &= (3x - 5)(x + 10) \\
3x^2 + 25x - 18 &= (3x - 2)(x + 9) \\
3x^2 + 25x + 8 &= (3x + 1)(x + 8) \\
3x^2 + 25x + 28 &= (3x + 4)(x + 7) \\
3x^2 + 25x + 42 &= (3x + 7)(x + 6) \\
3x^2 + 25x + 50 &= (3x + 10)(x + 5) \\
3x^2 + 26x - 40 &= (3x - 4)(x + 10) \\
3x^2 + 26x - 9 &= (3x - 1)(x + 9) \\
3x^2 + 26x + 16 &= (3x + 2)(x + 8) \\
3x^2 + 26x + 35 &= (3x + 5)(x + 7) \\
3x^2 + 26x + 48 &= (3x + 8)(x + 6) \\
3x^2 + 28x - 20 &= (3x - 2)(x + 10) \\
3x^2 + 28x + 9 &= (3x + 1)(x + 9) \\
3x^2 + 28x + 32 &= (3x + 4)(x + 8) \\
3x^2 + 28x + 49 &= (3x + 7)(x + 7) \\
3x^2 + 28x + 60 &= (3x + 10)(x + 6) \\
3x^2 + 29x - 10 &= (3x - 1)(x + 10) \\
3x^2 + 29x + 18 &= (3x + 2)(x + 9) \\
3x^2 + 29x + 40 &= (3x + 5)(x + 8) \\
3x^2 + 29x + 56 &= (3x + 8)(x + 7) \\
3x^2 + 31x + 10 &= (3x + 1)(x + 10) \\
3x^2 + 31x + 36 &= (3x + 4)(x + 9) \\
3x^2 + 31x + 56 &= (3x + 7)(x + 8) \\
3x^2 + 31x + 70 &= (3x + 10)(x + 7) \\
3x^2 + 32x + 20 &= (3x + 2)(x + 10) \\
3x^2 + 32x + 45 &= (3x + 5)(x + 9) \\
3x^2 + 32x + 64 &= (3x + 8)(x + 8) \\
3x^2 + 34x + 40 &= (3x + 4)(x + 10) \\
3x^2 + 34x + 63 &= (3x + 7)(x + 9) \\
3x^2 + 34x + 80 &= (3x + 10)(x + 8) \\
3x^2 + 35x + 50 &= (3x + 5)(x + 10) \\
3x^2 + 35x + 72 &= (3x + 8)(x + 9) \\
3x^2 + 37x + 70 &= (3x + 7)(x + 10)
\end{aligned}$$

$$\begin{aligned}
3x^2 + 37x + 90 &= (3x + 10)(x + 9) \\
3x^2 + 38x + 80 &= (3x + 8)(x + 10) \\
3x^2 + 40x + 100 &= (3x + 10)(x + 10) \\
4x^2 - 49x + 90 &= (4x - 9)(x - 10) \\
4x^2 - 47x + 70 &= (4x - 7)(x - 10) \\
4x^2 - 45x + 50 &= (4x - 5)(x - 10) \\
4x^2 - 45x + 81 &= (4x - 9)(x - 9) \\
4x^2 - 43x + 30 &= (4x - 3)(x - 10) \\
4x^2 - 43x + 63 &= (4x - 7)(x - 9) \\
4x^2 - 41x + 10 &= (4x - 1)(x - 10) \\
4x^2 - 41x + 45 &= (4x - 5)(x - 9) \\
4x^2 - 41x + 72 &= (4x - 9)(x - 8) \\
4x^2 - 39x - 10 &= (4x + 1)(x - 10) \\
4x^2 - 39x + 27 &= (4x - 3)(x - 9) \\
4x^2 - 39x + 56 &= (4x - 7)(x - 8) \\
4x^2 - 37x - 30 &= (4x + 3)(x - 10) \\
4x^2 - 37x + 9 &= (4x - 1)(x - 9) \\
4x^2 - 37x + 40 &= (4x - 5)(x - 8) \\
4x^2 - 37x + 63 &= (4x - 9)(x - 7) \\
4x^2 - 35x - 50 &= (4x + 5)(x - 10) \\
4x^2 - 35x - 9 &= (4x + 1)(x - 9) \\
4x^2 - 35x + 24 &= (4x - 3)(x - 8) \\
4x^2 - 35x + 49 &= (4x - 7)(x - 7) \\
4x^2 - 33x - 70 &= (4x + 7)(x - 10) \\
4x^2 - 33x - 27 &= (4x + 3)(x - 9) \\
4x^2 - 33x + 8 &= (4x - 1)(x - 8) \\
4x^2 - 33x + 35 &= (4x - 5)(x - 7) \\
4x^2 - 33x + 54 &= (4x - 9)(x - 6) \\
4x^2 - 32x + 63 &= (2x - 7)(2x - 9) \\
4x^2 - 31x - 90 &= (4x + 9)(x - 10) \\
4x^2 - 31x - 45 &= (4x + 5)(x - 9) \\
4x^2 - 31x - 8 &= (4x + 1)(x - 8) \\
4x^2 - 31x + 21 &= (4x - 3)(x - 7) \\
4x^2 - 31x + 42 &= (4x - 7)(x - 6) \\
4x^2 - 29x - 63 &= (4x + 7)(x - 9) \\
4x^2 - 29x - 24 &= (4x + 3)(x - 8) \\
4x^2 - 29x + 7 &= (4x - 1)(x - 7) \\
4x^2 - 29x + 30 &= (4x - 5)(x - 6) \\
4x^2 - 29x + 45 &= (4x - 9)(x - 5) \\
4x^2 - 28x + 45 &= (2x - 5)(2x - 9) \\
4x^2 - 27x - 81 &= (4x + 9)(x - 9) \\
4x^2 - 27x - 40 &= (4x + 5)(x - 8) \\
4x^2 - 27x - 7 &= (4x + 1)(x - 7) \\
4x^2 - 27x + 18 &= (4x - 3)(x - 6) \\
4x^2 - 27x + 35 &= (4x - 7)(x - 5) \\
4x^2 - 25x - 56 &= (4x + 7)(x - 8) \\
4x^2 - 25x - 21 &= (4x + 3)(x - 7) \\
4x^2 - 25x + 6 &= (4x - 1)(x - 6) \\
4x^2 - 25x + 25 &= (4x - 5)(x - 5) \\
4x^2 - 25x + 36 &= (4x - 9)(x - 4) \\
4x^2 - 24x + 27 &= (2x - 3)(2x - 9) \\
4x^2 - 24x + 35 &= (2x - 5)(2x - 7) \\
4x^2 - 23x - 72 &= (4x + 9)(x - 8) \\
4x^2 - 23x - 35 &= (4x + 5)(x - 7) \\
4x^2 - 23x - 6 &= (4x + 1)(x - 6)
\end{aligned}$$

$$\begin{aligned}
4x^2 - 23x + 15 &= (4x - 3)(x - 5) \\
4x^2 - 23x + 28 &= (4x - 7)(x - 4) \\
4x^2 - 21x - 49 &= (4x + 7)(x - 7) \\
4x^2 - 21x - 18 &= (4x + 3)(x - 6) \\
4x^2 - 21x + 5 &= (4x - 1)(x - 5) \\
4x^2 - 21x + 20 &= (4x - 5)(x - 4) \\
4x^2 - 21x + 27 &= (4x - 9)(x - 3) \\
4x^2 - 20x + 9 &= (2x - 1)(2x - 9) \\
4x^2 - 20x + 21 &= (2x - 3)(2x - 7) \\
4x^2 - 19x - 63 &= (4x + 9)(x - 7) \\
4x^2 - 19x - 30 &= (4x + 5)(x - 6) \\
4x^2 - 19x - 5 &= (4x + 1)(x - 5) \\
4x^2 - 19x + 12 &= (4x - 3)(x - 4) \\
4x^2 - 19x + 21 &= (4x - 7)(x - 3) \\
4x^2 - 17x - 42 &= (4x + 7)(x - 6) \\
4x^2 - 17x - 15 &= (4x + 3)(x - 5) \\
4x^2 - 17x + 4 &= (4x - 1)(x - 4) \\
4x^2 - 17x + 15 &= (4x - 5)(x - 3) \\
4x^2 - 17x + 18 &= (4x - 9)(x - 2) \\
4x^2 - 16x - 9 &= (2x + 1)(2x - 9) \\
4x^2 - 16x + 7 &= (2x - 1)(2x - 7) \\
4x^2 - 16x + 15 &= (2x - 3)(2x - 5) \\
4x^2 - 15x - 54 &= (4x + 9)(x - 6) \\
4x^2 - 15x - 25 &= (4x + 5)(x - 5) \\
4x^2 - 15x - 4 &= (4x + 1)(x - 4) \\
4x^2 - 15x + 9 &= (4x - 3)(x - 3) \\
4x^2 - 15x + 14 &= (4x - 7)(x - 2) \\
4x^2 - 13x - 35 &= (4x + 7)(x - 5) \\
4x^2 - 13x - 12 &= (4x + 3)(x - 4) \\
4x^2 - 13x + 3 &= (4x - 1)(x - 3) \\
4x^2 - 13x + 9 &= (4x - 9)(x - 1) \\
4x^2 - 13x + 10 &= (4x - 5)(x - 2) \\
4x^2 - 12x - 27 &= (2x + 3)(2x - 9) \\
4x^2 - 12x - 7 &= (2x + 1)(2x - 7) \\
4x^2 - 12x + 5 &= (2x - 1)(2x - 5) \\
4x^2 - 11x - 45 &= (4x + 9)(x - 5) \\
4x^2 - 11x - 20 &= (4x + 5)(x - 4) \\
4x^2 - 11x - 3 &= (4x + 1)(x - 3) \\
4x^2 - 11x + 6 &= (4x - 3)(x - 2) \\
4x^2 - 11x + 7 &= (4x - 7)(x - 1) \\
4x^2 - 9x - 28 &= (4x + 7)(x - 4) \\
4x^2 - 9x - 9 &= (4x + 3)(x - 3) \\
4x^2 - 9x + 2 &= (4x - 1)(x - 2) \\
4x^2 - 9x + 5 &= (4x - 5)(x - 1) \\
4x^2 - 8x - 45 &= (2x + 5)(2x - 9) \\
4x^2 - 8x - 21 &= (2x + 3)(2x - 7) \\
4x^2 - 8x - 5 &= (2x + 1)(2x - 5) \\
4x^2 - 8x + 3 &= (2x - 1)(2x - 3) \\
4x^2 - 7x - 36 &= (4x + 9)(x - 4) \\
4x^2 - 7x - 15 &= (4x + 5)(x - 3) \\
4x^2 - 7x - 2 &= (4x + 1)(x - 2) \\
4x^2 - 7x + 3 &= (4x - 3)(x - 1) \\
4x^2 - 5x - 21 &= (4x + 7)(x - 3) \\
4x^2 - 5x - 9 &= (4x - 9)(x + 1) \\
4x^2 - 5x - 6 &= (4x + 3)(x - 2)
\end{aligned}$$

$$\begin{aligned}
4x^2 - 5x + 1 &= (4x - 1)(x - 1) \\
4x^2 - 4x - 63 &= (2x + 7)(2x - 9) \\
4x^2 - 4x - 35 &= (2x + 5)(2x - 7) \\
4x^2 - 4x - 15 &= (2x + 3)(2x - 5) \\
4x^2 - 4x - 3 &= (2x + 1)(2x - 3) \\
4x^2 - 3x - 27 &= (4x + 9)(x - 3) \\
4x^2 - 3x - 10 &= (4x + 5)(x - 2) \\
4x^2 - 3x - 7 &= (4x - 7)(x + 1) \\
4x^2 - 3x - 1 &= (4x + 1)(x - 1) \\
4x^2 - 1x - 18 &= (4x - 9)(x + 2) \\
4x^2 - 1x - 14 &= (4x + 7)(x - 2) \\
4x^2 - 1x - 5 &= (4x - 5)(x + 1) \\
4x^2 - 1x - 3 &= (4x + 3)(x - 1) \\
4x^2 + 0x - 81 &= (2x + 9)(2x - 9) \\
4x^2 + 0x - 49 &= (2x + 7)(2x - 7) \\
4x^2 + 0x - 25 &= (2x + 5)(2x - 5) \\
4x^2 + 0x - 9 &= (2x + 3)(2x - 3) \\
4x^2 + 0x - 1 &= (2x + 1)(2x - 1) \\
4x^2 + 1x - 18 &= (4x + 9)(x - 2) \\
4x^2 + 1x - 14 &= (4x - 7)(x + 2) \\
4x^2 + 1x - 5 &= (4x + 5)(x - 1) \\
4x^2 + 1x - 3 &= (4x - 3)(x + 1) \\
4x^2 + 3x - 27 &= (4x - 9)(x + 3) \\
4x^2 + 3x - 10 &= (4x - 5)(x + 2) \\
4x^2 + 3x - 7 &= (4x + 7)(x - 1) \\
4x^2 + 3x - 1 &= (4x - 1)(x + 1) \\
4x^2 + 4x - 63 &= (2x + 9)(2x - 7) \\
4x^2 + 4x - 35 &= (2x + 7)(2x - 5) \\
4x^2 + 4x - 15 &= (2x + 5)(2x - 3) \\
4x^2 + 4x - 3 &= (2x + 3)(2x - 1) \\
4x^2 + 5x - 21 &= (4x - 7)(x + 3) \\
4x^2 + 5x - 9 &= (4x + 9)(x - 1) \\
4x^2 + 5x - 6 &= (4x - 3)(x + 2) \\
4x^2 + 5x + 1 &= (4x + 1)(x + 1) \\
4x^2 + 7x - 36 &= (4x - 9)(x + 4) \\
4x^2 + 7x - 15 &= (4x - 5)(x + 3) \\
4x^2 + 7x - 2 &= (4x - 1)(x + 2) \\
4x^2 + 7x + 3 &= (4x + 3)(x + 1) \\
4x^2 + 8x - 45 &= (2x + 9)(2x - 5) \\
4x^2 + 8x - 21 &= (2x + 7)(2x - 3) \\
4x^2 + 8x - 5 &= (2x + 5)(2x - 1) \\
4x^2 + 8x + 3 &= (2x + 1)(2x + 3) \\
4x^2 + 9x - 28 &= (4x - 7)(x + 4) \\
4x^2 + 9x - 9 &= (4x - 3)(x + 3) \\
4x^2 + 9x + 2 &= (4x + 1)(x + 2) \\
4x^2 + 9x + 5 &= (4x + 5)(x + 1) \\
4x^2 + 11x - 45 &= (4x - 9)(x + 5) \\
4x^2 + 11x - 20 &= (4x - 5)(x + 4) \\
4x^2 + 11x - 3 &= (4x - 1)(x + 3) \\
4x^2 + 11x + 6 &= (4x + 3)(x + 2) \\
4x^2 + 11x + 7 &= (4x + 7)(x + 1) \\
4x^2 + 12x - 27 &= (2x + 9)(2x - 3) \\
4x^2 + 12x - 7 &= (2x + 7)(2x - 1) \\
4x^2 + 12x + 5 &= (2x + 1)(2x + 5) \\
4x^2 + 13x - 35 &= (4x - 7)(x + 5)
\end{aligned}$$

$4x^2 + 13x - 12 = (4x - 3)(x + 4)$	$4x^2 + 31x + 21 = (4x + 3)(x + 7)$	$5x^2 - 44x + 63 = (5x - 9)(x - 7)$
$4x^2 + 13x + 3 = (4x + 1)(x + 3)$	$4x^2 + 31x + 42 = (4x + 7)(x + 6)$	$5x^2 - 43x - 70 = (5x + 7)(x - 10)$
$4x^2 + 13x + 9 = (4x + 9)(x + 1)$	$4x^2 + 32x + 63 = (2x + 7)(2x + 9)$	$5x^2 - 43x - 18 = (5x + 2)(x - 9)$
$4x^2 + 13x + 10 = (4x + 5)(x + 2)$	$4x^2 + 33x - 70 = (4x - 7)(x + 10)$	$5x^2 - 43x + 24 = (5x - 3)(x - 8)$
$4x^2 + 15x - 54 = (4x - 9)(x + 6)$	$4x^2 + 33x - 27 = (4x - 3)(x + 9)$	$5x^2 - 43x + 56 = (5x - 8)(x - 7)$
$4x^2 + 15x - 25 = (4x - 5)(x + 5)$	$4x^2 + 33x + 8 = (4x + 1)(x + 8)$	$5x^2 - 42x - 80 = (5x + 8)(x - 10)$
$4x^2 + 15x - 4 = (4x - 1)(x + 4)$	$4x^2 + 33x + 35 = (4x + 5)(x + 7)$	$5x^2 - 42x - 27 = (5x + 3)(x - 9)$
$4x^2 + 15x + 9 = (4x + 3)(x + 3)$	$4x^2 + 33x + 54 = (4x + 9)(x + 6)$	$5x^2 - 42x + 16 = (5x - 2)(x - 8)$
$4x^2 + 15x + 14 = (4x + 7)(x + 2)$	$4x^2 + 35x - 50 = (4x - 5)(x + 10)$	$5x^2 - 42x + 49 = (5x - 7)(x - 7)$
$4x^2 + 16x - 9 = (2x + 9)(2x - 1)$	$4x^2 + 35x - 9 = (4x - 1)(x + 9)$	$5x^2 - 41x - 90 = (5x + 9)(x - 10)$
$4x^2 + 16x + 7 = (2x + 1)(2x + 7)$	$4x^2 + 35x + 24 = (4x + 3)(x + 8)$	$5x^2 - 41x - 36 = (5x + 4)(x - 9)$
$4x^2 + 16x + 15 = (2x + 3)(2x + 5)$	$4x^2 + 35x + 49 = (4x + 7)(x + 7)$	$5x^2 - 41x + 8 = (5x - 1)(x - 8)$
$4x^2 + 17x - 42 = (4x - 7)(x + 6)$	$4x^2 + 37x - 30 = (4x - 3)(x + 10)$	$5x^2 - 41x + 42 = (5x - 6)(x - 7)$
$4x^2 + 17x - 15 = (4x - 3)(x + 5)$	$4x^2 + 37x + 9 = (4x + 1)(x + 9)$	$5x^2 - 39x - 54 = (5x + 6)(x - 9)$
$4x^2 + 17x + 4 = (4x + 1)(x + 4)$	$4x^2 + 37x + 40 = (4x + 5)(x + 8)$	$5x^2 - 39x - 8 = (5x + 1)(x - 8)$
$4x^2 + 17x + 15 = (4x + 5)(x + 3)$	$4x^2 + 37x + 63 = (4x + 9)(x + 7)$	$5x^2 - 39x + 28 = (5x - 4)(x - 7)$
$4x^2 + 17x + 18 = (4x + 9)(x + 2)$	$4x^2 + 39x - 10 = (4x - 1)(x + 10)$	$5x^2 - 39x + 54 = (5x - 9)(x - 6)$
$4x^2 + 19x - 63 = (4x - 9)(x + 7)$	$4x^2 + 39x + 27 = (4x + 3)(x + 9)$	$5x^2 - 38x - 63 = (5x + 7)(x - 9)$
$4x^2 + 19x - 30 = (4x - 5)(x + 6)$	$4x^2 + 39x + 56 = (4x + 7)(x + 8)$	$5x^2 - 38x - 16 = (5x + 2)(x - 8)$
$4x^2 + 19x - 5 = (4x - 1)(x + 5)$	$4x^2 + 41x + 10 = (4x + 1)(x + 10)$	$5x^2 - 38x + 21 = (5x - 3)(x - 7)$
$4x^2 + 19x + 12 = (4x + 3)(x + 4)$	$4x^2 + 41x + 45 = (4x + 5)(x + 9)$	$5x^2 - 38x + 48 = (5x - 8)(x - 6)$
$4x^2 + 19x + 21 = (4x + 7)(x + 3)$	$4x^2 + 41x + 72 = (4x + 9)(x + 8)$	$5x^2 - 37x - 72 = (5x + 8)(x - 9)$
$4x^2 + 20x + 9 = (2x + 1)(2x + 9)$	$4x^2 + 43x + 30 = (4x + 3)(x + 10)$	$5x^2 - 37x - 24 = (5x + 3)(x - 8)$
$4x^2 + 20x + 21 = (2x + 3)(2x + 7)$	$4x^2 + 43x + 63 = (4x + 7)(x + 9)$	$5x^2 - 37x + 14 = (5x - 2)(x - 7)$
$4x^2 + 21x - 49 = (4x - 7)(x + 7)$	$4x^2 + 45x + 50 = (4x + 5)(x + 10)$	$5x^2 - 37x + 42 = (5x - 7)(x - 6)$
$4x^2 + 21x - 18 = (4x - 3)(x + 6)$	$4x^2 + 45x + 81 = (4x + 9)(x + 9)$	$5x^2 - 36x - 81 = (5x + 9)(x - 9)$
$4x^2 + 21x + 5 = (4x + 1)(x + 5)$	$4x^2 + 47x + 70 = (4x + 7)(x + 10)$	$5x^2 - 36x - 32 = (5x + 4)(x - 8)$
$4x^2 + 21x + 20 = (4x + 5)(x + 4)$	$4x^2 + 49x + 90 = (4x + 9)(x + 10)$	$5x^2 - 36x + 7 = (5x - 1)(x - 7)$
$4x^2 + 21x + 27 = (4x + 9)(x + 3)$	$5x^2 - 59x + 90 = (5x - 9)(x - 10)$	$5x^2 - 36x + 36 = (5x - 6)(x - 6)$
$4x^2 + 23x - 72 = (4x - 9)(x + 8)$	$5x^2 - 58x + 80 = (5x - 8)(x - 10)$	$5x^2 - 34x - 48 = (5x + 6)(x - 8)$
$4x^2 + 23x - 35 = (4x - 5)(x + 7)$	$5x^2 - 57x + 70 = (5x - 7)(x - 10)$	$5x^2 - 34x - 7 = (5x + 1)(x - 7)$
$4x^2 + 23x - 6 = (4x - 1)(x + 6)$	$5x^2 - 56x + 60 = (5x - 6)(x - 10)$	$5x^2 - 34x + 24 = (5x - 4)(x - 6)$
$4x^2 + 23x + 15 = (4x + 3)(x + 5)$	$5x^2 - 54x + 40 = (5x - 4)(x - 10)$	$5x^2 - 34x + 45 = (5x - 9)(x - 5)$
$4x^2 + 23x + 28 = (4x + 7)(x + 4)$	$5x^2 - 54x + 81 = (5x - 9)(x - 9)$	$5x^2 - 33x - 56 = (5x + 7)(x - 8)$
$4x^2 + 24x + 27 = (2x + 3)(2x + 9)$	$5x^2 - 53x + 30 = (5x - 3)(x - 10)$	$5x^2 - 33x - 14 = (5x + 2)(x - 7)$
$4x^2 + 24x + 35 = (2x + 5)(2x + 7)$	$5x^2 - 53x + 72 = (5x - 8)(x - 9)$	$5x^2 - 33x + 18 = (5x - 3)(x - 6)$
$4x^2 + 25x - 56 = (4x - 7)(x + 8)$	$5x^2 - 52x + 20 = (5x - 2)(x - 10)$	$5x^2 - 33x + 40 = (5x - 8)(x - 5)$
$4x^2 + 25x - 21 = (4x - 3)(x + 7)$	$5x^2 - 52x + 63 = (5x - 7)(x - 9)$	$5x^2 - 32x - 64 = (5x + 8)(x - 8)$
$4x^2 + 25x + 6 = (4x + 1)(x + 6)$	$5x^2 - 51x + 10 = (5x - 1)(x - 10)$	$5x^2 - 32x - 21 = (5x + 3)(x - 7)$
$4x^2 + 25x + 25 = (4x + 5)(x + 5)$	$5x^2 - 51x + 54 = (5x - 6)(x - 9)$	$5x^2 - 32x + 12 = (5x - 2)(x - 6)$
$4x^2 + 25x + 36 = (4x + 9)(x + 4)$	$5x^2 - 49x - 10 = (5x + 1)(x - 10)$	$5x^2 - 32x + 35 = (5x - 7)(x - 5)$
$4x^2 + 27x - 81 = (4x - 9)(x + 9)$	$5x^2 - 49x + 36 = (5x - 4)(x - 9)$	$5x^2 - 31x - 72 = (5x + 9)(x - 8)$
$4x^2 + 27x - 40 = (4x - 5)(x + 8)$	$5x^2 - 49x + 72 = (5x - 9)(x - 8)$	$5x^2 - 31x - 28 = (5x + 4)(x - 7)$
$4x^2 + 27x - 7 = (4x - 1)(x + 7)$	$5x^2 - 48x - 20 = (5x + 2)(x - 10)$	$5x^2 - 31x + 6 = (5x - 1)(x - 6)$
$4x^2 + 27x + 18 = (4x + 3)(x + 6)$	$5x^2 - 48x + 27 = (5x - 3)(x - 9)$	$5x^2 - 31x + 30 = (5x - 6)(x - 5)$
$4x^2 + 27x + 35 = (4x + 7)(x + 5)$	$5x^2 - 48x + 64 = (5x - 8)(x - 8)$	$5x^2 - 29x - 42 = (5x + 6)(x - 7)$
$4x^2 + 28x + 45 = (2x + 5)(2x + 9)$	$5x^2 - 47x - 30 = (5x + 3)(x - 10)$	$5x^2 - 29x - 6 = (5x + 1)(x - 6)$
$4x^2 + 29x - 63 = (4x - 7)(x + 9)$	$5x^2 - 47x + 18 = (5x - 2)(x - 9)$	$5x^2 - 29x + 20 = (5x - 4)(x - 5)$
$4x^2 + 29x - 24 = (4x - 3)(x + 8)$	$5x^2 - 47x + 56 = (5x - 7)(x - 8)$	$5x^2 - 29x + 36 = (5x - 9)(x - 4)$
$4x^2 + 29x + 7 = (4x + 1)(x + 7)$	$5x^2 - 46x - 40 = (5x + 4)(x - 10)$	$5x^2 - 28x - 49 = (5x + 7)(x - 7)$
$4x^2 + 29x + 30 = (4x + 5)(x + 6)$	$5x^2 - 46x + 9 = (5x - 1)(x - 9)$	$5x^2 - 28x - 12 = (5x + 2)(x - 6)$
$4x^2 + 29x + 45 = (4x + 9)(x + 5)$	$5x^2 - 46x + 48 = (5x - 6)(x - 8)$	$5x^2 - 28x + 15 = (5x - 3)(x - 5)$
$4x^2 + 31x - 90 = (4x - 9)(x + 10)$	$5x^2 - 44x - 60 = (5x + 6)(x - 10)$	$5x^2 - 28x + 32 = (5x - 8)(x - 4)$
$4x^2 + 31x - 45 = (4x - 5)(x + 9)$	$5x^2 - 44x - 9 = (5x + 1)(x - 9)$	$5x^2 - 27x - 56 = (5x + 8)(x - 7)$
$4x^2 + 31x - 8 = (4x - 1)(x + 8)$	$5x^2 - 44x + 32 = (5x - 4)(x - 8)$	$5x^2 - 27x - 18 = (5x + 3)(x - 6)$

$5x^2 - 27x + 10 = (5x - 2)(x - 5)$	$5x^2 - 9x - 2 = (5x + 1)(x - 2)$	$5x^2 + 13x - 28 = (5x - 7)(x + 4)$
$5x^2 - 27x + 28 = (5x - 7)(x - 4)$	$5x^2 - 9x + 4 = (5x - 4)(x - 1)$	$5x^2 + 13x - 6 = (5x - 2)(x + 3)$
$5x^2 - 26x - 63 = (5x + 9)(x - 7)$	$5x^2 - 8x - 21 = (5x + 7)(x - 3)$	$5x^2 + 13x + 6 = (5x + 3)(x + 2)$
$5x^2 - 26x - 24 = (5x + 4)(x - 6)$	$5x^2 - 8x - 4 = (5x + 2)(x - 2)$	$5x^2 + 13x + 8 = (5x + 8)(x + 1)$
$5x^2 - 26x + 5 = (5x - 1)(x - 5)$	$5x^2 - 8x + 3 = (5x - 3)(x - 1)$	$5x^2 + 14x - 24 = (5x - 6)(x + 4)$
$5x^2 - 26x + 24 = (5x - 6)(x - 4)$	$5x^2 - 7x - 24 = (5x + 8)(x - 3)$	$5x^2 + 14x - 3 = (5x - 1)(x + 3)$
$5x^2 - 24x - 36 = (5x + 6)(x - 6)$	$5x^2 - 7x - 6 = (5x + 3)(x - 2)$	$5x^2 + 14x + 8 = (5x + 4)(x + 2)$
$5x^2 - 24x - 5 = (5x + 1)(x - 5)$	$5x^2 - 7x + 2 = (5x - 2)(x - 1)$	$5x^2 + 14x + 9 = (5x + 9)(x + 1)$
$5x^2 - 24x + 16 = (5x - 4)(x - 4)$	$5x^2 - 6x - 27 = (5x + 9)(x - 3)$	$5x^2 + 16x - 45 = (5x - 9)(x + 5)$
$5x^2 - 24x + 27 = (5x - 9)(x - 3)$	$5x^2 - 6x - 8 = (5x + 4)(x - 2)$	$5x^2 + 16x - 16 = (5x - 4)(x + 4)$
$5x^2 - 23x - 42 = (5x + 7)(x - 6)$	$5x^2 - 6x + 1 = (5x - 1)(x - 1)$	$5x^2 + 16x + 3 = (5x + 1)(x + 3)$
$5x^2 - 23x - 10 = (5x + 2)(x - 5)$	$5x^2 - 4x - 12 = (5x + 6)(x - 2)$	$5x^2 + 16x + 12 = (5x + 6)(x + 2)$
$5x^2 - 23x + 12 = (5x - 3)(x - 4)$	$5x^2 - 4x - 9 = (5x - 9)(x + 1)$	$5x^2 + 17x - 40 = (5x - 8)(x + 5)$
$5x^2 - 23x + 24 = (5x - 8)(x - 3)$	$5x^2 - 4x - 1 = (5x + 1)(x - 1)$	$5x^2 + 17x - 12 = (5x - 3)(x + 4)$
$5x^2 - 22x - 48 = (5x + 8)(x - 6)$	$5x^2 - 3x - 14 = (5x + 7)(x - 2)$	$5x^2 + 17x + 6 = (5x + 2)(x + 3)$
$5x^2 - 22x - 15 = (5x + 3)(x - 5)$	$5x^2 - 3x - 8 = (5x - 8)(x + 1)$	$5x^2 + 17x + 14 = (5x + 7)(x + 2)$
$5x^2 - 22x + 8 = (5x - 2)(x - 4)$	$5x^2 - 3x - 2 = (5x + 2)(x - 1)$	$5x^2 + 18x - 35 = (5x - 7)(x + 5)$
$5x^2 - 22x + 21 = (5x - 7)(x - 3)$	$5x^2 - 2x - 16 = (5x + 8)(x - 2)$	$5x^2 + 18x - 8 = (5x - 2)(x + 4)$
$5x^2 - 21x - 54 = (5x + 9)(x - 6)$	$5x^2 - 2x - 7 = (5x - 7)(x + 1)$	$5x^2 + 18x + 9 = (5x + 3)(x + 3)$
$5x^2 - 21x - 20 = (5x + 4)(x - 5)$	$5x^2 - 2x - 3 = (5x + 3)(x - 1)$	$5x^2 + 18x + 16 = (5x + 8)(x + 2)$
$5x^2 - 21x + 4 = (5x - 1)(x - 4)$	$5x^2 - 1x - 18 = (5x + 9)(x - 2)$	$5x^2 + 19x - 30 = (5x - 6)(x + 5)$
$5x^2 - 21x + 18 = (5x - 6)(x - 3)$	$5x^2 - 1x - 6 = (5x - 6)(x + 1)$	$5x^2 + 19x - 4 = (5x - 1)(x + 4)$
$5x^2 - 19x - 30 = (5x + 6)(x - 5)$	$5x^2 - 1x - 4 = (5x + 4)(x - 1)$	$5x^2 + 19x + 12 = (5x + 4)(x + 3)$
$5x^2 - 19x - 4 = (5x + 1)(x - 4)$	$5x^2 + 1x - 18 = (5x - 9)(x + 2)$	$5x^2 + 19x + 18 = (5x + 9)(x + 2)$
$5x^2 - 19x + 12 = (5x - 4)(x - 3)$	$5x^2 + 1x - 6 = (5x + 6)(x - 1)$	$5x^2 + 21x - 54 = (5x - 9)(x + 6)$
$5x^2 - 19x + 18 = (5x - 9)(x - 2)$	$5x^2 + 1x - 4 = (5x - 4)(x + 1)$	$5x^2 + 21x - 20 = (5x - 4)(x + 5)$
$5x^2 - 18x - 35 = (5x + 7)(x - 5)$	$5x^2 + 2x - 16 = (5x - 8)(x + 2)$	$5x^2 + 21x + 4 = (5x + 1)(x + 4)$
$5x^2 - 18x - 8 = (5x + 2)(x - 4)$	$5x^2 + 2x - 7 = (5x + 7)(x - 1)$	$5x^2 + 21x + 18 = (5x + 6)(x + 3)$
$5x^2 - 18x + 9 = (5x - 3)(x - 3)$	$5x^2 + 2x - 3 = (5x - 3)(x + 1)$	$5x^2 + 22x - 48 = (5x - 8)(x + 6)$
$5x^2 - 18x + 16 = (5x - 8)(x - 2)$	$5x^2 + 3x - 14 = (5x - 7)(x + 2)$	$5x^2 + 22x - 15 = (5x - 3)(x + 5)$
$5x^2 - 17x - 40 = (5x + 8)(x - 5)$	$5x^2 + 3x - 8 = (5x + 8)(x - 1)$	$5x^2 + 22x + 8 = (5x + 2)(x + 4)$
$5x^2 - 17x - 12 = (5x + 3)(x - 4)$	$5x^2 + 3x - 2 = (5x - 2)(x + 1)$	$5x^2 + 22x + 21 = (5x + 7)(x + 3)$
$5x^2 - 17x + 6 = (5x - 2)(x - 3)$	$5x^2 + 4x - 12 = (5x - 6)(x + 2)$	$5x^2 + 23x - 42 = (5x - 7)(x + 6)$
$5x^2 - 17x + 14 = (5x - 7)(x - 2)$	$5x^2 + 4x - 9 = (5x + 9)(x - 1)$	$5x^2 + 23x - 10 = (5x - 2)(x + 5)$
$5x^2 - 16x - 45 = (5x + 9)(x - 5)$	$5x^2 + 4x - 1 = (5x - 1)(x + 1)$	$5x^2 + 23x + 12 = (5x + 3)(x + 4)$
$5x^2 - 16x - 16 = (5x + 4)(x - 4)$	$5x^2 + 6x - 27 = (5x - 9)(x + 3)$	$5x^2 + 23x + 24 = (5x + 8)(x + 3)$
$5x^2 - 16x + 3 = (5x - 1)(x - 3)$	$5x^2 + 6x - 8 = (5x - 4)(x + 2)$	$5x^2 + 24x - 36 = (5x - 6)(x + 6)$
$5x^2 - 16x + 12 = (5x - 6)(x - 2)$	$5x^2 + 6x + 1 = (5x + 1)(x + 1)$	$5x^2 + 24x - 5 = (5x - 1)(x + 5)$
$5x^2 - 14x - 24 = (5x + 6)(x - 4)$	$5x^2 + 7x - 24 = (5x - 8)(x + 3)$	$5x^2 + 24x + 16 = (5x + 4)(x + 4)$
$5x^2 - 14x - 3 = (5x + 1)(x - 3)$	$5x^2 + 7x - 6 = (5x - 3)(x + 2)$	$5x^2 + 24x + 27 = (5x + 9)(x + 3)$
$5x^2 - 14x + 8 = (5x - 4)(x - 2)$	$5x^2 + 7x + 2 = (5x + 2)(x + 1)$	$5x^2 + 26x - 63 = (5x - 9)(x + 7)$
$5x^2 - 14x + 9 = (5x - 9)(x - 1)$	$5x^2 + 8x - 21 = (5x - 7)(x + 3)$	$5x^2 + 26x - 24 = (5x - 4)(x + 6)$
$5x^2 - 13x - 28 = (5x + 7)(x - 4)$	$5x^2 + 8x - 4 = (5x - 2)(x + 2)$	$5x^2 + 26x + 5 = (5x + 1)(x + 5)$
$5x^2 - 13x - 6 = (5x + 2)(x - 3)$	$5x^2 + 8x + 3 = (5x + 3)(x + 1)$	$5x^2 + 26x + 24 = (5x + 6)(x + 4)$
$5x^2 - 13x + 6 = (5x - 3)(x - 2)$	$5x^2 + 9x - 18 = (5x - 6)(x + 3)$	$5x^2 + 27x - 56 = (5x - 8)(x + 7)$
$5x^2 - 13x + 8 = (5x - 8)(x - 1)$	$5x^2 + 9x - 2 = (5x - 1)(x + 2)$	$5x^2 + 27x - 18 = (5x - 3)(x + 6)$
$5x^2 - 12x - 32 = (5x + 8)(x - 4)$	$5x^2 + 9x + 4 = (5x + 4)(x + 1)$	$5x^2 + 27x + 10 = (5x + 2)(x + 5)$
$5x^2 - 12x - 9 = (5x + 3)(x - 3)$	$5x^2 + 11x - 36 = (5x - 9)(x + 4)$	$5x^2 + 27x + 28 = (5x + 7)(x + 4)$
$5x^2 - 12x + 4 = (5x - 2)(x - 2)$	$5x^2 + 11x - 12 = (5x - 4)(x + 3)$	$5x^2 + 28x - 49 = (5x - 7)(x + 7)$
$5x^2 - 12x + 7 = (5x - 7)(x - 1)$	$5x^2 + 11x + 2 = (5x + 1)(x + 2)$	$5x^2 + 28x - 12 = (5x - 2)(x + 6)$
$5x^2 - 11x - 36 = (5x + 9)(x - 4)$	$5x^2 + 11x + 6 = (5x + 6)(x + 1)$	$5x^2 + 28x + 15 = (5x + 3)(x + 5)$
$5x^2 - 11x - 12 = (5x + 4)(x - 3)$	$5x^2 + 12x - 32 = (5x - 8)(x + 4)$	$5x^2 + 28x + 32 = (5x + 8)(x + 4)$
$5x^2 - 11x + 2 = (5x - 1)(x - 2)$	$5x^2 + 12x - 9 = (5x - 3)(x + 3)$	$5x^2 + 29x - 42 = (5x - 6)(x + 7)$
$5x^2 - 11x + 6 = (5x - 6)(x - 1)$	$5x^2 + 12x + 4 = (5x + 2)(x + 2)$	$5x^2 + 29x - 6 = (5x - 1)(x + 6)$
$5x^2 - 9x - 18 = (5x + 6)(x - 3)$	$5x^2 + 12x + 7 = (5x + 7)(x + 1)$	$5x^2 + 29x + 20 = (5x + 4)(x + 5)$

$5x^2 + 29x + 36 = (5x + 9)(x + 4)$	$5x^2 + 48x - 20 = (5x - 2)(x + 10)$	$6x^2 - 35x + 49 = (2x - 7)(3x - 7)$
$5x^2 + 31x - 72 = (5x - 9)(x + 8)$	$5x^2 + 48x + 27 = (5x + 3)(x + 9)$	$6x^2 - 35x + 50 = (2x - 5)(3x - 10)$
$5x^2 + 31x - 28 = (5x - 4)(x + 7)$	$5x^2 + 48x + 64 = (5x + 8)(x + 8)$	$6x^2 - 31x - 30 = (6x + 5)(x - 6)$
$5x^2 + 31x + 6 = (5x + 1)(x + 6)$	$5x^2 + 49x - 10 = (5x - 1)(x + 10)$	$6x^2 - 31x + 5 = (6x - 1)(x - 5)$
$5x^2 + 31x + 30 = (5x + 6)(x + 5)$	$5x^2 + 49x + 36 = (5x + 4)(x + 9)$	$6x^2 - 31x + 18 = (2x - 9)(3x - 2)$
$5x^2 + 32x - 64 = (5x - 8)(x + 8)$	$5x^2 + 49x + 72 = (5x + 9)(x + 8)$	$6x^2 - 31x + 28 = (6x - 7)(x - 4)$
$5x^2 + 32x - 21 = (5x - 3)(x + 7)$	$5x^2 + 51x + 10 = (5x + 1)(x + 10)$	$6x^2 - 31x + 35 = (2x - 7)(3x - 5)$
$5x^2 + 32x + 12 = (5x + 2)(x + 6)$	$5x^2 + 51x + 54 = (5x + 6)(x + 9)$	$6x^2 - 31x + 40 = (2x - 5)(3x - 8)$
$5x^2 + 32x + 35 = (5x + 7)(x + 5)$	$5x^2 + 52x + 20 = (5x + 2)(x + 10)$	$6x^2 - 29x - 42 = (6x + 7)(x - 6)$
$5x^2 + 33x - 56 = (5x - 7)(x + 8)$	$5x^2 + 52x + 63 = (5x + 7)(x + 9)$	$6x^2 - 29x - 5 = (6x + 1)(x - 5)$
$5x^2 + 33x - 14 = (5x - 2)(x + 7)$	$5x^2 + 53x + 30 = (5x + 3)(x + 10)$	$6x^2 - 29x + 9 = (2x - 9)(3x - 1)$
$5x^2 + 33x + 18 = (5x + 3)(x + 6)$	$5x^2 + 53x + 72 = (5x + 8)(x + 9)$	$6x^2 - 29x + 20 = (6x - 5)(x - 4)$
$5x^2 + 33x + 40 = (5x + 8)(x + 5)$	$5x^2 + 54x + 40 = (5x + 4)(x + 10)$	$6x^2 - 29x + 28 = (2x - 7)(3x - 4)$
$5x^2 + 34x - 48 = (5x - 6)(x + 8)$	$5x^2 + 54x + 81 = (5x + 9)(x + 9)$	$6x^2 - 29x + 30 = (2x - 3)(3x - 10)$
$5x^2 + 34x - 7 = (5x - 1)(x + 7)$	$5x^2 + 56x + 60 = (5x + 6)(x + 10)$	$6x^2 - 29x + 35 = (2x - 5)(3x - 7)$
$5x^2 + 34x + 24 = (5x + 4)(x + 6)$	$5x^2 + 57x + 70 = (5x + 7)(x + 10)$	$6x^2 - 25x - 25 = (6x + 5)(x - 5)$
$5x^2 + 34x + 45 = (5x + 9)(x + 5)$	$5x^2 + 58x + 80 = (5x + 8)(x + 10)$	$6x^2 - 25x - 9 = (2x - 9)(3x + 1)$
$5x^2 + 36x - 81 = (5x - 9)(x + 9)$	$5x^2 + 59x + 90 = (5x + 9)(x + 10)$	$6x^2 - 25x + 4 = (6x - 1)(x - 4)$
$5x^2 + 36x - 32 = (5x - 4)(x + 8)$	$6x^2 - 67x + 70 = (6x - 7)(x - 10)$	$6x^2 - 25x + 14 = (2x - 7)(3x - 2)$
$5x^2 + 36x + 7 = (5x + 1)(x + 7)$	$6x^2 - 65x + 50 = (6x - 5)(x - 10)$	$6x^2 - 25x + 21 = (6x - 7)(x - 3)$
$5x^2 + 36x + 36 = (5x + 6)(x + 6)$	$6x^2 - 61x + 10 = (6x - 1)(x - 10)$	$6x^2 - 25x + 24 = (2x - 3)(3x - 8)$
$5x^2 + 37x - 72 = (5x - 8)(x + 9)$	$6x^2 - 61x + 63 = (6x - 7)(x - 9)$	$6x^2 - 25x + 25 = (2x - 5)(3x - 5)$
$5x^2 + 37x - 24 = (5x - 3)(x + 8)$	$6x^2 - 59x - 10 = (6x + 1)(x - 10)$	$6x^2 - 23x - 35 = (6x + 7)(x - 5)$
$5x^2 + 37x + 14 = (5x + 2)(x + 7)$	$6x^2 - 59x + 45 = (6x - 5)(x - 9)$	$6x^2 - 23x - 18 = (2x - 9)(3x + 2)$
$5x^2 + 37x + 42 = (5x + 7)(x + 6)$	$6x^2 - 55x - 50 = (6x + 5)(x - 10)$	$6x^2 - 23x - 4 = (6x + 1)(x - 4)$
$5x^2 + 38x - 63 = (5x - 7)(x + 9)$	$6x^2 - 55x + 9 = (6x - 1)(x - 9)$	$6x^2 - 23x + 7 = (2x - 7)(3x - 1)$
$5x^2 + 38x - 16 = (5x - 2)(x + 8)$	$6x^2 - 55x + 56 = (6x - 7)(x - 8)$	$6x^2 - 23x + 10 = (2x - 1)(3x - 10)$
$5x^2 + 38x + 21 = (5x + 3)(x + 7)$	$6x^2 - 53x - 70 = (6x + 7)(x - 10)$	$6x^2 - 23x + 15 = (6x - 5)(x - 3)$
$5x^2 + 38x + 48 = (5x + 8)(x + 6)$	$6x^2 - 53x - 9 = (6x + 1)(x - 9)$	$6x^2 - 23x + 20 = (2x - 5)(3x - 4)$
$5x^2 + 39x - 54 = (5x - 6)(x + 9)$	$6x^2 - 53x + 40 = (6x - 5)(x - 8)$	$6x^2 - 23x + 21 = (2x - 3)(3x - 7)$
$5x^2 + 39x - 8 = (5x - 1)(x + 8)$	$6x^2 - 49x - 45 = (6x + 5)(x - 9)$	$6x^2 - 19x - 36 = (2x - 9)(3x + 4)$
$5x^2 + 39x + 28 = (5x + 4)(x + 7)$	$6x^2 - 49x + 8 = (6x - 1)(x - 8)$	$6x^2 - 19x - 20 = (6x + 5)(x - 4)$
$5x^2 + 39x + 54 = (5x + 9)(x + 6)$	$6x^2 - 49x + 49 = (6x - 7)(x - 7)$	$6x^2 - 19x - 7 = (2x - 7)(3x + 1)$
$5x^2 + 41x - 90 = (5x - 9)(x + 10)$	$6x^2 - 47x - 63 = (6x + 7)(x - 9)$	$6x^2 - 19x + 3 = (6x - 1)(x - 3)$
$5x^2 + 41x - 36 = (5x - 4)(x + 9)$	$6x^2 - 47x - 8 = (6x + 1)(x - 8)$	$6x^2 - 19x + 8 = (2x - 1)(3x - 8)$
$5x^2 + 41x + 8 = (5x + 1)(x + 8)$	$6x^2 - 47x + 35 = (6x - 5)(x - 7)$	$6x^2 - 19x + 10 = (2x - 5)(3x - 2)$
$5x^2 + 41x + 42 = (5x + 6)(x + 7)$	$6x^2 - 47x + 90 = (2x - 9)(3x - 10)$	$6x^2 - 19x + 14 = (6x - 7)(x - 2)$
$5x^2 + 42x - 80 = (5x - 8)(x + 10)$	$6x^2 - 43x - 40 = (6x + 5)(x - 8)$	$6x^2 - 19x + 15 = (2x - 3)(3x - 5)$
$5x^2 + 42x - 27 = (5x - 3)(x + 9)$	$6x^2 - 43x + 7 = (6x - 1)(x - 7)$	$6x^2 - 17x - 45 = (2x - 9)(3x + 5)$
$5x^2 + 42x + 16 = (5x + 2)(x + 8)$	$6x^2 - 43x + 42 = (6x - 7)(x - 6)$	$6x^2 - 17x - 28 = (6x + 7)(x - 4)$
$5x^2 + 42x + 49 = (5x + 7)(x + 7)$	$6x^2 - 43x + 72 = (2x - 9)(3x - 8)$	$6x^2 - 17x - 14 = (2x - 7)(3x + 2)$
$5x^2 + 43x - 70 = (5x - 7)(x + 10)$	$6x^2 - 41x - 56 = (6x + 7)(x - 8)$	$6x^2 - 17x - 10 = (2x + 1)(3x - 10)$
$5x^2 + 43x - 18 = (5x - 2)(x + 9)$	$6x^2 - 41x - 7 = (6x + 1)(x - 7)$	$6x^2 - 17x - 3 = (6x + 1)(x - 3)$
$5x^2 + 43x + 24 = (5x + 3)(x + 8)$	$6x^2 - 41x + 30 = (6x - 5)(x - 6)$	$6x^2 - 17x + 5 = (2x - 5)(3x - 1)$
$5x^2 + 43x + 56 = (5x + 8)(x + 7)$	$6x^2 - 41x + 63 = (2x - 9)(3x - 7)$	$6x^2 - 17x + 7 = (2x - 1)(3x - 7)$
$5x^2 + 44x - 60 = (5x - 6)(x + 10)$	$6x^2 - 41x + 70 = (2x - 7)(3x - 10)$	$6x^2 - 17x + 10 = (6x - 5)(x - 2)$
$5x^2 + 44x - 9 = (5x - 1)(x + 9)$	$6x^2 - 37x - 35 = (6x + 5)(x - 7)$	$6x^2 - 17x + 12 = (2x - 3)(3x - 4)$
$5x^2 + 44x + 32 = (5x + 4)(x + 8)$	$6x^2 - 37x + 6 = (6x - 1)(x - 6)$	$6x^2 - 13x - 63 = (2x - 9)(3x + 7)$
$5x^2 + 44x + 63 = (5x + 9)(x + 7)$	$6x^2 - 37x + 35 = (6x - 7)(x - 5)$	$6x^2 - 13x - 28 = (2x - 7)(3x + 4)$
$5x^2 + 46x - 40 = (5x - 4)(x + 10)$	$6x^2 - 37x + 45 = (2x - 9)(3x - 5)$	$6x^2 - 13x - 15 = (6x + 5)(x - 3)$
$5x^2 + 46x + 9 = (5x + 1)(x + 9)$	$6x^2 - 37x + 56 = (2x - 7)(3x - 8)$	$6x^2 - 13x - 8 = (2x + 1)(3x - 8)$
$5x^2 + 46x + 48 = (5x + 6)(x + 8)$	$6x^2 - 35x - 49 = (6x + 7)(x - 7)$	$6x^2 - 13x - 5 = (2x - 5)(3x + 1)$
$5x^2 + 47x - 30 = (5x - 3)(x + 10)$	$6x^2 - 35x - 6 = (6x + 1)(x - 6)$	$6x^2 - 13x + 2 = (6x - 1)(x - 2)$
$5x^2 + 47x + 18 = (5x + 2)(x + 9)$	$6x^2 - 35x + 25 = (6x - 5)(x - 5)$	$6x^2 - 13x + 5 = (2x - 1)(3x - 5)$
$5x^2 + 47x + 56 = (5x + 7)(x + 8)$	$6x^2 - 35x + 36 = (2x - 9)(3x - 4)$	$6x^2 - 13x + 6 = (2x - 3)(3x - 2)$

$$\begin{aligned}
6x^2 - 13x + 7 &= (6x - 7)(x - 1) \\
6x^2 - 11x - 72 &= (2x - 9)(3x + 8) \\
6x^2 - 11x - 35 &= (2x - 7)(3x + 5) \\
6x^2 - 11x - 30 &= (2x + 3)(3x - 10) \\
6x^2 - 11x - 21 &= (6x + 7)(x - 3) \\
6x^2 - 11x - 10 &= (2x - 5)(3x + 2) \\
6x^2 - 11x - 7 &= (2x + 1)(3x - 7) \\
6x^2 - 11x - 2 &= (6x + 1)(x - 2) \\
6x^2 - 11x + 3 &= (2x - 3)(3x - 1) \\
6x^2 - 11x + 4 &= (2x - 1)(3x - 4) \\
6x^2 - 11x + 5 &= (6x - 5)(x - 1) \\
6x^2 - 7x - 90 &= (2x - 9)(3x + 10) \\
6x^2 - 7x - 49 &= (2x - 7)(3x + 7) \\
6x^2 - 7x - 24 &= (2x + 3)(3x - 8) \\
6x^2 - 7x - 20 &= (2x - 5)(3x + 4) \\
6x^2 - 7x - 10 &= (6x + 5)(x - 2) \\
6x^2 - 7x - 5 &= (2x + 1)(3x - 5) \\
6x^2 - 7x - 3 &= (2x - 3)(3x + 1) \\
6x^2 - 7x + 1 &= (6x - 1)(x - 1) \\
6x^2 - 7x + 2 &= (2x - 1)(3x - 2) \\
6x^2 - 5x - 56 &= (2x - 7)(3x + 8) \\
6x^2 - 5x - 50 &= (2x + 5)(3x - 10) \\
6x^2 - 5x - 25 &= (2x - 5)(3x + 5) \\
6x^2 - 5x - 21 &= (2x + 3)(3x - 7) \\
6x^2 - 5x - 14 &= (6x + 7)(x - 2) \\
6x^2 - 5x - 6 &= (2x - 3)(3x + 2) \\
6x^2 - 5x - 4 &= (2x + 1)(3x - 4) \\
6x^2 - 5x - 1 &= (6x + 1)(x - 1) \\
6x^2 - 5x + 1 &= (2x - 1)(3x - 1) \\
6x^2 - 1x - 70 &= (2x - 7)(3x + 10) \\
6x^2 - 1x - 40 &= (2x + 5)(3x - 8) \\
6x^2 - 1x - 35 &= (2x - 5)(3x + 7) \\
6x^2 - 1x - 15 &= (2x + 3)(3x - 5) \\
6x^2 - 1x - 12 &= (2x - 3)(3x + 4) \\
6x^2 - 1x - 7 &= (6x - 7)(x + 1) \\
6x^2 - 1x - 5 &= (6x + 5)(x - 1) \\
6x^2 - 1x - 2 &= (2x + 1)(3x - 2) \\
6x^2 - 1x - 1 &= (2x - 1)(3x + 1) \\
6x^2 + 1x - 70 &= (2x + 7)(3x - 10) \\
6x^2 + 1x - 40 &= (2x - 5)(3x + 8) \\
6x^2 + 1x - 35 &= (2x + 5)(3x - 7) \\
6x^2 + 1x - 15 &= (2x - 3)(3x + 5) \\
6x^2 + 1x - 12 &= (2x + 3)(3x - 4) \\
6x^2 + 1x - 7 &= (6x + 7)(x - 1) \\
6x^2 + 1x - 5 &= (6x - 5)(x + 1) \\
6x^2 + 1x - 2 &= (2x - 1)(3x + 2) \\
6x^2 + 1x - 1 &= (2x + 1)(3x - 1) \\
6x^2 + 5x - 56 &= (2x + 7)(3x - 8) \\
6x^2 + 5x - 50 &= (2x - 5)(3x + 10) \\
6x^2 + 5x - 25 &= (2x + 5)(3x - 5) \\
6x^2 + 5x - 21 &= (2x - 3)(3x + 7) \\
6x^2 + 5x - 14 &= (6x - 7)(x + 2) \\
6x^2 + 5x - 6 &= (2x + 3)(3x - 2) \\
6x^2 + 5x - 4 &= (2x - 1)(3x + 4) \\
6x^2 + 5x - 1 &= (6x - 1)(x + 1)
\end{aligned}$$

$$\begin{aligned}
6x^2 + 5x + 1 &= (2x + 1)(3x + 1) \\
6x^2 + 7x - 90 &= (2x + 9)(3x - 10) \\
6x^2 + 7x - 49 &= (2x + 7)(3x - 7) \\
6x^2 + 7x - 24 &= (2x - 3)(3x + 8) \\
6x^2 + 7x - 20 &= (2x + 5)(3x - 4) \\
6x^2 + 7x - 10 &= (6x - 5)(x + 2) \\
6x^2 + 7x - 5 &= (2x - 1)(3x + 5) \\
6x^2 + 7x - 3 &= (2x + 3)(3x - 1) \\
6x^2 + 7x + 1 &= (6x + 1)(x + 1) \\
6x^2 + 7x + 2 &= (2x + 1)(3x + 2) \\
6x^2 + 11x - 72 &= (2x + 9)(3x - 8) \\
6x^2 + 11x - 35 &= (2x + 7)(3x - 5) \\
6x^2 + 11x - 30 &= (2x - 3)(3x + 10) \\
6x^2 + 11x - 21 &= (6x - 7)(x + 3) \\
6x^2 + 11x - 10 &= (2x + 5)(3x - 2) \\
6x^2 + 11x - 7 &= (2x - 1)(3x + 7) \\
6x^2 + 11x - 2 &= (6x - 1)(x + 2) \\
6x^2 + 11x + 3 &= (2x + 3)(3x + 1) \\
6x^2 + 11x + 4 &= (2x + 1)(3x + 4) \\
6x^2 + 11x + 5 &= (6x + 5)(x + 1) \\
6x^2 + 13x - 63 &= (2x + 9)(3x - 7) \\
6x^2 + 13x - 28 &= (2x + 7)(3x - 4) \\
6x^2 + 13x - 15 &= (6x - 5)(x + 3) \\
6x^2 + 13x - 8 &= (2x - 1)(3x + 8) \\
6x^2 + 13x - 5 &= (2x + 5)(3x - 1) \\
6x^2 + 13x + 2 &= (6x + 1)(x + 2) \\
6x^2 + 13x + 5 &= (2x + 1)(3x + 5) \\
6x^2 + 13x + 6 &= (2x + 3)(3x + 2) \\
6x^2 + 13x + 7 &= (6x + 7)(x + 1) \\
6x^2 + 17x - 45 &= (2x + 9)(3x - 5) \\
6x^2 + 17x - 28 &= (6x - 7)(x + 4) \\
6x^2 + 17x - 14 &= (2x + 7)(3x - 2) \\
6x^2 + 17x - 10 &= (2x - 1)(3x + 10) \\
6x^2 + 17x - 3 &= (6x - 1)(x + 3) \\
6x^2 + 17x + 5 &= (2x + 5)(3x + 1) \\
6x^2 + 17x + 7 &= (2x + 1)(3x + 7) \\
6x^2 + 17x + 10 &= (6x + 5)(x + 2) \\
6x^2 + 17x + 12 &= (2x + 3)(3x + 4) \\
6x^2 + 19x - 36 &= (2x + 9)(3x - 4) \\
6x^2 + 19x - 20 &= (6x - 5)(x + 4) \\
6x^2 + 19x - 7 &= (2x + 7)(3x - 1) \\
6x^2 + 19x + 3 &= (6x + 1)(x + 3) \\
6x^2 + 19x + 8 &= (2x + 1)(3x + 8) \\
6x^2 + 19x + 10 &= (2x + 5)(3x + 2) \\
6x^2 + 19x + 14 &= (6x + 7)(x + 2) \\
6x^2 + 19x + 15 &= (2x + 3)(3x + 5) \\
6x^2 + 23x - 35 &= (6x - 7)(x + 5) \\
6x^2 + 23x - 18 &= (2x + 9)(3x - 2) \\
6x^2 + 23x - 4 &= (6x - 1)(x + 4) \\
6x^2 + 23x + 7 &= (2x + 7)(3x + 1) \\
6x^2 + 23x + 10 &= (2x + 1)(3x + 10) \\
6x^2 + 23x + 15 &= (6x + 5)(x + 3) \\
6x^2 + 23x + 20 &= (2x + 5)(3x + 4) \\
6x^2 + 23x + 21 &= (2x + 3)(3x + 7) \\
6x^2 + 25x - 25 &= (6x - 5)(x + 5)
\end{aligned}$$

$$\begin{aligned}
6x^2 + 25x - 9 &= (2x + 9)(3x - 1) \\
6x^2 + 25x + 4 &= (6x + 1)(x + 4) \\
6x^2 + 25x + 14 &= (2x + 7)(3x + 2) \\
6x^2 + 25x + 21 &= (6x + 7)(x + 3) \\
6x^2 + 25x + 24 &= (2x + 3)(3x + 8) \\
6x^2 + 25x + 25 &= (2x + 5)(3x + 5) \\
6x^2 + 29x - 42 &= (6x - 7)(x + 6) \\
6x^2 + 29x - 5 &= (6x - 1)(x + 5) \\
6x^2 + 29x + 9 &= (2x + 9)(3x + 1) \\
6x^2 + 29x + 20 &= (6x + 5)(x + 4) \\
6x^2 + 29x + 28 &= (2x + 7)(3x + 4) \\
6x^2 + 29x + 30 &= (2x + 3)(3x + 10) \\
6x^2 + 29x + 35 &= (2x + 5)(3x + 7) \\
6x^2 + 31x - 30 &= (6x - 5)(x + 6) \\
6x^2 + 31x + 5 &= (6x + 1)(x + 5) \\
6x^2 + 31x + 18 &= (2x + 9)(3x + 2) \\
6x^2 + 31x + 28 &= (6x + 7)(x + 4) \\
6x^2 + 31x + 35 &= (2x + 7)(3x + 5) \\
6x^2 + 31x + 40 &= (2x + 5)(3x + 8) \\
6x^2 + 35x - 49 &= (6x - 7)(x + 7) \\
6x^2 + 35x - 6 &= (6x - 1)(x + 6) \\
6x^2 + 35x + 25 &= (6x + 5)(x + 5) \\
6x^2 + 35x + 36 &= (2x + 9)(3x + 4) \\
6x^2 + 35x + 49 &= (2x + 7)(3x + 7) \\
6x^2 + 35x + 50 &= (2x + 5)(3x + 10) \\
6x^2 + 37x - 35 &= (6x - 5)(x + 7) \\
6x^2 + 37x + 6 &= (6x + 1)(x + 6) \\
6x^2 + 37x + 35 &= (6x + 7)(x + 5) \\
6x^2 + 37x + 45 &= (2x + 9)(3x + 5) \\
6x^2 + 37x + 56 &= (2x + 7)(3x + 8) \\
6x^2 + 41x - 56 &= (6x - 7)(x + 8) \\
6x^2 + 41x - 7 &= (6x - 1)(x + 7) \\
6x^2 + 41x + 30 &= (6x + 5)(x + 6) \\
6x^2 + 41x + 63 &= (2x + 9)(3x + 7) \\
6x^2 + 41x + 70 &= (2x + 7)(3x + 10) \\
6x^2 + 43x - 40 &= (6x - 5)(x + 8) \\
6x^2 + 43x + 7 &= (6x + 1)(x + 7) \\
6x^2 + 43x + 42 &= (6x + 7)(x + 6) \\
6x^2 + 43x + 72 &= (2x + 9)(3x + 8) \\
6x^2 + 47x - 63 &= (6x - 7)(x + 9) \\
6x^2 + 47x - 8 &= (6x - 1)(x + 8) \\
6x^2 + 47x + 35 &= (6x + 5)(x + 7) \\
6x^2 + 47x + 90 &= (2x + 9)(3x + 10) \\
6x^2 + 49x - 45 &= (6x - 5)(x + 9) \\
6x^2 + 49x + 8 &= (6x + 1)(x + 8) \\
6x^2 + 49x + 49 &= (6x + 7)(x + 7) \\
6x^2 + 53x - 70 &= (6x - 7)(x + 10) \\
6x^2 + 53x - 9 &= (6x - 1)(x + 9) \\
6x^2 + 53x + 40 &= (6x + 5)(x + 8) \\
6x^2 + 55x - 50 &= (6x - 5)(x + 10) \\
6x^2 + 55x + 9 &= (6x + 1)(x + 9) \\
6x^2 + 55x + 56 &= (6x + 7)(x + 8) \\
6x^2 + 59x - 10 &= (6x - 1)(x + 10) \\
6x^2 + 59x + 45 &= (6x + 5)(x + 9) \\
6x^2 + 61x + 10 &= (6x + 1)(x + 10)
\end{aligned}$$

$$\begin{aligned}
6x^2 + 61x + 63 &= (6x + 7)(x + 9) \\
6x^2 + 65x + 50 &= (6x + 5)(x + 10) \\
6x^2 + 67x + 70 &= (6x + 7)(x + 10) \\
7x^2 - 80x + 100 &= (7x - 10)(x - 10) \\
7x^2 - 79x + 90 &= (7x - 9)(x - 10) \\
7x^2 - 78x + 80 &= (7x - 8)(x - 10) \\
7x^2 - 76x + 60 &= (7x - 6)(x - 10) \\
7x^2 - 75x + 50 &= (7x - 5)(x - 10) \\
7x^2 - 74x + 40 &= (7x - 4)(x - 10) \\
7x^2 - 73x + 30 &= (7x - 3)(x - 10) \\
7x^2 - 73x + 90 &= (7x - 10)(x - 9) \\
7x^2 - 72x + 20 &= (7x - 2)(x - 10) \\
7x^2 - 72x + 81 &= (7x - 9)(x - 9) \\
7x^2 - 71x + 10 &= (7x - 1)(x - 10) \\
7x^2 - 71x + 72 &= (7x - 8)(x - 9) \\
7x^2 - 69x - 10 &= (7x + 1)(x - 10) \\
7x^2 - 69x + 54 &= (7x - 6)(x - 9) \\
7x^2 - 68x - 20 &= (7x + 2)(x - 10) \\
7x^2 - 68x + 45 &= (7x - 5)(x - 9) \\
7x^2 - 67x - 30 &= (7x + 3)(x - 10) \\
7x^2 - 67x + 36 &= (7x - 4)(x - 9) \\
7x^2 - 66x - 40 &= (7x + 4)(x - 10) \\
7x^2 - 66x + 27 &= (7x - 3)(x - 9) \\
7x^2 - 66x + 80 &= (7x - 10)(x - 8) \\
7x^2 - 65x - 50 &= (7x + 5)(x - 10) \\
7x^2 - 65x + 18 &= (7x - 2)(x - 9) \\
7x^2 - 65x + 72 &= (7x - 9)(x - 8) \\
7x^2 - 64x - 60 &= (7x + 6)(x - 10) \\
7x^2 - 64x + 9 &= (7x - 1)(x - 9) \\
7x^2 - 64x + 64 &= (7x - 8)(x - 8) \\
7x^2 - 62x - 80 &= (7x + 8)(x - 10) \\
7x^2 - 62x - 9 &= (7x + 1)(x - 9) \\
7x^2 - 62x + 48 &= (7x - 6)(x - 8) \\
7x^2 - 61x - 90 &= (7x + 9)(x - 10) \\
7x^2 - 61x - 18 &= (7x + 2)(x - 9) \\
7x^2 - 61x + 40 &= (7x - 5)(x - 8) \\
7x^2 - 60x - 100 &= (7x + 10)(x - 10) \\
7x^2 - 60x - 27 &= (7x + 3)(x - 9) \\
7x^2 - 60x + 32 &= (7x - 4)(x - 8) \\
7x^2 - 59x - 36 &= (7x + 4)(x - 9) \\
7x^2 - 59x + 24 &= (7x - 3)(x - 8) \\
7x^2 - 59x + 70 &= (7x - 10)(x - 7) \\
7x^2 - 58x - 45 &= (7x + 5)(x - 9) \\
7x^2 - 58x + 16 &= (7x - 2)(x - 8) \\
7x^2 - 58x + 63 &= (7x - 9)(x - 7) \\
7x^2 - 57x - 54 &= (7x + 6)(x - 9) \\
7x^2 - 57x + 8 &= (7x - 1)(x - 8) \\
7x^2 - 57x + 56 &= (7x - 8)(x - 7) \\
7x^2 - 55x - 72 &= (7x + 8)(x - 9) \\
7x^2 - 55x - 8 &= (7x + 1)(x - 8) \\
7x^2 - 55x + 42 &= (7x - 6)(x - 7) \\
7x^2 - 54x - 81 &= (7x + 9)(x - 9) \\
7x^2 - 54x - 16 &= (7x + 2)(x - 8) \\
7x^2 - 54x + 35 &= (7x - 5)(x - 7) \\
7x^2 - 53x - 90 &= (7x + 10)(x - 9)
\end{aligned}$$

$$\begin{aligned}
7x^2 - 53x - 24 &= (7x + 3)(x - 8) \\
7x^2 - 53x + 28 &= (7x - 4)(x - 7) \\
7x^2 - 52x - 32 &= (7x + 4)(x - 8) \\
7x^2 - 52x + 21 &= (7x - 3)(x - 7) \\
7x^2 - 52x + 60 &= (7x - 10)(x - 6) \\
7x^2 - 51x - 40 &= (7x + 5)(x - 8) \\
7x^2 - 51x + 14 &= (7x - 2)(x - 7) \\
7x^2 - 51x + 54 &= (7x - 9)(x - 6) \\
7x^2 - 50x - 48 &= (7x + 6)(x - 8) \\
7x^2 - 50x + 7 &= (7x - 1)(x - 7) \\
7x^2 - 50x + 48 &= (7x - 8)(x - 6) \\
7x^2 - 48x - 64 &= (7x + 8)(x - 8) \\
7x^2 - 48x - 7 &= (7x + 1)(x - 7) \\
7x^2 - 48x + 36 &= (7x - 6)(x - 6) \\
7x^2 - 47x - 72 &= (7x + 9)(x - 8) \\
7x^2 - 47x - 14 &= (7x + 2)(x - 7) \\
7x^2 - 47x + 30 &= (7x - 5)(x - 6) \\
7x^2 - 46x - 80 &= (7x + 10)(x - 8) \\
7x^2 - 46x - 21 &= (7x + 3)(x - 7) \\
7x^2 - 46x + 24 &= (7x - 4)(x - 6) \\
7x^2 - 45x - 28 &= (7x + 4)(x - 7) \\
7x^2 - 45x + 18 &= (7x - 3)(x - 6) \\
7x^2 - 45x + 50 &= (7x - 10)(x - 5) \\
7x^2 - 44x - 35 &= (7x + 5)(x - 7) \\
7x^2 - 44x + 12 &= (7x - 2)(x - 6) \\
7x^2 - 44x + 45 &= (7x - 9)(x - 5) \\
7x^2 - 43x - 42 &= (7x + 6)(x - 7) \\
7x^2 - 43x + 6 &= (7x - 1)(x - 6) \\
7x^2 - 43x + 40 &= (7x - 8)(x - 5) \\
7x^2 - 41x - 56 &= (7x + 8)(x - 7) \\
7x^2 - 41x - 6 &= (7x + 1)(x - 6) \\
7x^2 - 41x + 30 &= (7x - 6)(x - 5) \\
7x^2 - 40x - 63 &= (7x + 9)(x - 7) \\
7x^2 - 40x - 12 &= (7x + 2)(x - 6) \\
7x^2 - 40x + 25 &= (7x - 5)(x - 5) \\
7x^2 - 39x - 70 &= (7x + 10)(x - 7) \\
7x^2 - 39x - 18 &= (7x + 3)(x - 6) \\
7x^2 - 39x + 20 &= (7x - 4)(x - 5) \\
7x^2 - 38x - 24 &= (7x + 4)(x - 6) \\
7x^2 - 38x + 15 &= (7x - 3)(x - 5) \\
7x^2 - 38x + 40 &= (7x - 10)(x - 4) \\
7x^2 - 37x - 30 &= (7x + 5)(x - 6) \\
7x^2 - 37x + 10 &= (7x - 2)(x - 5) \\
7x^2 - 37x + 36 &= (7x - 9)(x - 4) \\
7x^2 - 36x - 36 &= (7x + 6)(x - 6) \\
7x^2 - 36x + 5 &= (7x - 1)(x - 5) \\
7x^2 - 36x + 32 &= (7x - 8)(x - 4) \\
7x^2 - 34x - 48 &= (7x + 8)(x - 6) \\
7x^2 - 34x - 5 &= (7x + 1)(x - 5) \\
7x^2 - 34x + 24 &= (7x - 6)(x - 4) \\
7x^2 - 33x - 54 &= (7x + 9)(x - 6) \\
7x^2 - 33x - 10 &= (7x + 2)(x - 5) \\
7x^2 - 33x + 20 &= (7x - 5)(x - 4) \\
7x^2 - 32x - 60 &= (7x + 10)(x - 6) \\
7x^2 - 32x - 15 &= (7x + 3)(x - 5)
\end{aligned}$$

$$\begin{aligned}
7x^2 - 32x + 16 &= (7x - 4)(x - 4) \\
7x^2 - 31x - 20 &= (7x + 4)(x - 5) \\
7x^2 - 31x + 12 &= (7x - 3)(x - 4) \\
7x^2 - 31x + 30 &= (7x - 10)(x - 3) \\
7x^2 - 30x - 25 &= (7x + 5)(x - 5) \\
7x^2 - 30x + 8 &= (7x - 2)(x - 4) \\
7x^2 - 30x + 27 &= (7x - 9)(x - 3) \\
7x^2 - 29x - 30 &= (7x + 6)(x - 5) \\
7x^2 - 29x + 4 &= (7x - 1)(x - 4) \\
7x^2 - 29x + 24 &= (7x - 8)(x - 3) \\
7x^2 - 27x - 40 &= (7x + 8)(x - 5) \\
7x^2 - 27x - 4 &= (7x + 1)(x - 4) \\
7x^2 - 27x + 18 &= (7x - 6)(x - 3) \\
7x^2 - 26x - 45 &= (7x + 9)(x - 5) \\
7x^2 - 26x - 8 &= (7x + 2)(x - 4) \\
7x^2 - 26x + 15 &= (7x - 5)(x - 3) \\
7x^2 - 25x - 50 &= (7x + 10)(x - 5) \\
7x^2 - 25x - 12 &= (7x + 3)(x - 4) \\
7x^2 - 25x + 12 &= (7x - 4)(x - 3) \\
7x^2 - 24x - 16 &= (7x + 4)(x - 4) \\
7x^2 - 24x + 9 &= (7x - 3)(x - 3) \\
7x^2 - 24x + 20 &= (7x - 10)(x - 2) \\
7x^2 - 23x - 20 &= (7x + 5)(x - 4) \\
7x^2 - 23x + 6 &= (7x - 2)(x - 3) \\
7x^2 - 23x + 18 &= (7x - 9)(x - 2) \\
7x^2 - 22x - 24 &= (7x + 6)(x - 4) \\
7x^2 - 22x + 3 &= (7x - 1)(x - 3) \\
7x^2 - 22x + 16 &= (7x - 8)(x - 2) \\
7x^2 - 20x - 32 &= (7x + 8)(x - 4) \\
7x^2 - 20x - 3 &= (7x + 1)(x - 3) \\
7x^2 - 20x + 12 &= (7x - 6)(x - 2) \\
7x^2 - 19x - 36 &= (7x + 9)(x - 4) \\
7x^2 - 19x - 6 &= (7x + 2)(x - 3) \\
7x^2 - 19x + 10 &= (7x - 5)(x - 2) \\
7x^2 - 18x - 40 &= (7x + 10)(x - 4) \\
7x^2 - 18x - 9 &= (7x + 3)(x - 3) \\
7x^2 - 18x + 8 &= (7x - 4)(x - 2) \\
7x^2 - 17x - 12 &= (7x + 4)(x - 3) \\
7x^2 - 17x + 6 &= (7x - 3)(x - 2) \\
7x^2 - 17x + 10 &= (7x - 10)(x - 1) \\
7x^2 - 16x - 15 &= (7x + 5)(x - 3) \\
7x^2 - 16x + 4 &= (7x - 2)(x - 2) \\
7x^2 - 16x + 9 &= (7x - 9)(x - 1) \\
7x^2 - 15x - 18 &= (7x + 6)(x - 3) \\
7x^2 - 15x + 2 &= (7x - 1)(x - 2) \\
7x^2 - 15x + 8 &= (7x - 8)(x - 1) \\
7x^2 - 13x - 24 &= (7x + 8)(x - 3) \\
7x^2 - 13x - 2 &= (7x + 1)(x - 2) \\
7x^2 - 13x + 6 &= (7x - 6)(x - 1) \\
7x^2 - 12x - 27 &= (7x + 9)(x - 3) \\
7x^2 - 12x - 4 &= (7x + 2)(x - 2) \\
7x^2 - 12x + 5 &= (7x - 5)(x - 1) \\
7x^2 - 11x - 30 &= (7x + 10)(x - 3) \\
7x^2 - 11x - 6 &= (7x + 3)(x - 2) \\
7x^2 - 11x + 4 &= (7x - 4)(x - 1)
\end{aligned}$$

$$\begin{aligned}
7x^2 - 10x - 8 &= (7x + 4)(x - 2) \\
7x^2 - 10x + 3 &= (7x - 3)(x - 1) \\
7x^2 - 9x - 10 &= (7x + 5)(x - 2) \\
7x^2 - 9x + 2 &= (7x - 2)(x - 1) \\
7x^2 - 8x - 12 &= (7x + 6)(x - 2) \\
7x^2 - 8x + 1 &= (7x - 1)(x - 1) \\
7x^2 - 6x - 16 &= (7x + 8)(x - 2) \\
7x^2 - 6x - 1 &= (7x + 1)(x - 1) \\
7x^2 - 5x - 18 &= (7x + 9)(x - 2) \\
7x^2 - 5x - 2 &= (7x + 2)(x - 1) \\
7x^2 - 4x - 20 &= (7x + 10)(x - 2) \\
7x^2 - 4x - 3 &= (7x + 3)(x - 1) \\
7x^2 - 3x - 10 &= (7x - 10)(x + 1) \\
7x^2 - 3x - 4 &= (7x + 4)(x - 1) \\
7x^2 - 2x - 9 &= (7x - 9)(x + 1) \\
7x^2 - 2x - 5 &= (7x + 5)(x - 1) \\
7x^2 - 1x - 8 &= (7x - 8)(x + 1) \\
7x^2 - 1x - 6 &= (7x + 6)(x - 1) \\
7x^2 + 1x - 8 &= (7x + 8)(x - 1) \\
7x^2 + 1x - 6 &= (7x - 6)(x + 1) \\
7x^2 + 2x - 9 &= (7x + 9)(x - 1) \\
7x^2 + 2x - 5 &= (7x - 5)(x + 1) \\
7x^2 + 3x - 10 &= (7x + 10)(x - 1) \\
7x^2 + 3x - 4 &= (7x - 4)(x + 1) \\
7x^2 + 4x - 20 &= (7x - 10)(x + 2) \\
7x^2 + 4x - 3 &= (7x - 3)(x + 1) \\
7x^2 + 5x - 18 &= (7x - 9)(x + 2) \\
7x^2 + 5x - 2 &= (7x - 2)(x + 1) \\
7x^2 + 6x - 16 &= (7x - 8)(x + 2) \\
7x^2 + 6x - 1 &= (7x - 1)(x + 1) \\
7x^2 + 8x - 12 &= (7x - 6)(x + 2) \\
7x^2 + 8x + 1 &= (7x + 1)(x + 1) \\
7x^2 + 9x - 10 &= (7x - 5)(x + 2) \\
7x^2 + 9x + 2 &= (7x + 2)(x + 1) \\
7x^2 + 10x - 8 &= (7x - 4)(x + 2) \\
7x^2 + 10x + 3 &= (7x + 3)(x + 1) \\
7x^2 + 11x - 30 &= (7x - 10)(x + 3) \\
7x^2 + 11x - 6 &= (7x - 3)(x + 2) \\
7x^2 + 11x + 4 &= (7x + 4)(x + 1) \\
7x^2 + 12x - 27 &= (7x - 9)(x + 3) \\
7x^2 + 12x - 4 &= (7x - 2)(x + 2) \\
7x^2 + 12x + 5 &= (7x + 5)(x + 1) \\
7x^2 + 13x - 24 &= (7x - 8)(x + 3) \\
7x^2 + 13x - 2 &= (7x - 1)(x + 2) \\
7x^2 + 13x + 6 &= (7x + 6)(x + 1) \\
7x^2 + 15x - 18 &= (7x - 6)(x + 3) \\
7x^2 + 15x + 2 &= (7x + 1)(x + 2) \\
7x^2 + 15x + 8 &= (7x + 8)(x + 1) \\
7x^2 + 16x - 15 &= (7x - 5)(x + 3) \\
7x^2 + 16x + 4 &= (7x + 2)(x + 2) \\
7x^2 + 16x + 9 &= (7x + 9)(x + 1) \\
7x^2 + 17x - 12 &= (7x - 4)(x + 3) \\
7x^2 + 17x + 6 &= (7x + 3)(x + 2) \\
7x^2 + 17x + 10 &= (7x + 10)(x + 1) \\
7x^2 + 18x - 40 &= (7x - 10)(x + 4)
\end{aligned}$$

$$\begin{aligned}
7x^2 + 18x - 9 &= (7x - 3)(x + 3) \\
7x^2 + 18x + 8 &= (7x + 4)(x + 2) \\
7x^2 + 19x - 36 &= (7x - 9)(x + 4) \\
7x^2 + 19x - 6 &= (7x - 2)(x + 3) \\
7x^2 + 19x + 10 &= (7x + 5)(x + 2) \\
7x^2 + 20x - 32 &= (7x - 8)(x + 4) \\
7x^2 + 20x - 3 &= (7x - 1)(x + 3) \\
7x^2 + 20x + 12 &= (7x + 6)(x + 2) \\
7x^2 + 22x - 24 &= (7x - 6)(x + 4) \\
7x^2 + 22x + 3 &= (7x + 1)(x + 3) \\
7x^2 + 22x + 16 &= (7x + 8)(x + 2) \\
7x^2 + 23x - 20 &= (7x - 5)(x + 4) \\
7x^2 + 23x + 6 &= (7x + 2)(x + 3) \\
7x^2 + 23x + 18 &= (7x + 9)(x + 2) \\
7x^2 + 24x - 16 &= (7x - 4)(x + 4) \\
7x^2 + 24x + 9 &= (7x + 3)(x + 3) \\
7x^2 + 24x + 20 &= (7x + 10)(x + 2) \\
7x^2 + 25x - 50 &= (7x - 10)(x + 5) \\
7x^2 + 25x - 12 &= (7x - 3)(x + 4) \\
7x^2 + 25x + 12 &= (7x + 4)(x + 3) \\
7x^2 + 26x - 45 &= (7x - 9)(x + 5) \\
7x^2 + 26x - 8 &= (7x - 2)(x + 4) \\
7x^2 + 26x + 15 &= (7x + 5)(x + 3) \\
7x^2 + 27x - 40 &= (7x - 8)(x + 5) \\
7x^2 + 27x - 4 &= (7x - 1)(x + 4) \\
7x^2 + 27x + 18 &= (7x + 6)(x + 3) \\
7x^2 + 29x - 30 &= (7x - 6)(x + 5) \\
7x^2 + 29x + 4 &= (7x + 1)(x + 4) \\
7x^2 + 29x + 24 &= (7x + 8)(x + 3) \\
7x^2 + 30x - 25 &= (7x - 5)(x + 5) \\
7x^2 + 30x + 8 &= (7x + 2)(x + 4) \\
7x^2 + 30x + 27 &= (7x + 9)(x + 3) \\
7x^2 + 31x - 20 &= (7x - 4)(x + 5) \\
7x^2 + 31x + 12 &= (7x + 3)(x + 4) \\
7x^2 + 31x + 30 &= (7x + 10)(x + 3) \\
7x^2 + 32x - 60 &= (7x - 10)(x + 6) \\
7x^2 + 32x - 15 &= (7x - 3)(x + 5) \\
7x^2 + 32x + 16 &= (7x + 4)(x + 4) \\
7x^2 + 33x - 54 &= (7x - 9)(x + 6) \\
7x^2 + 33x - 10 &= (7x - 2)(x + 5) \\
7x^2 + 33x + 20 &= (7x + 5)(x + 4) \\
7x^2 + 34x - 48 &= (7x - 8)(x + 6) \\
7x^2 + 34x - 5 &= (7x - 1)(x + 5) \\
7x^2 + 34x + 24 &= (7x + 6)(x + 4) \\
7x^2 + 36x - 36 &= (7x - 6)(x + 6) \\
7x^2 + 36x + 5 &= (7x + 1)(x + 5) \\
7x^2 + 36x + 32 &= (7x + 8)(x + 4) \\
7x^2 + 37x - 30 &= (7x - 5)(x + 6) \\
7x^2 + 37x + 10 &= (7x + 2)(x + 5) \\
7x^2 + 37x + 36 &= (7x + 9)(x + 4) \\
7x^2 + 38x - 24 &= (7x - 4)(x + 6) \\
7x^2 + 38x + 15 &= (7x + 3)(x + 5) \\
7x^2 + 38x + 40 &= (7x + 10)(x + 4) \\
7x^2 + 39x - 70 &= (7x - 10)(x + 7) \\
7x^2 + 39x - 18 &= (7x - 3)(x + 6)
\end{aligned}$$

$$\begin{aligned}
7x^2 + 39x + 20 &= (7x + 4)(x + 5) \\
7x^2 + 40x - 63 &= (7x - 9)(x + 7) \\
7x^2 + 40x - 12 &= (7x - 2)(x + 6) \\
7x^2 + 40x + 25 &= (7x + 5)(x + 5) \\
7x^2 + 41x - 56 &= (7x - 8)(x + 7) \\
7x^2 + 41x - 6 &= (7x - 1)(x + 6) \\
7x^2 + 41x + 30 &= (7x + 6)(x + 5) \\
7x^2 + 43x - 42 &= (7x - 6)(x + 7) \\
7x^2 + 43x + 6 &= (7x + 1)(x + 6) \\
7x^2 + 43x + 40 &= (7x + 8)(x + 5) \\
7x^2 + 44x - 35 &= (7x - 5)(x + 7) \\
7x^2 + 44x + 12 &= (7x + 2)(x + 6) \\
7x^2 + 44x + 45 &= (7x + 9)(x + 5) \\
7x^2 + 45x - 28 &= (7x - 4)(x + 7) \\
7x^2 + 45x + 18 &= (7x + 3)(x + 6) \\
7x^2 + 45x + 50 &= (7x + 10)(x + 5) \\
7x^2 + 46x - 80 &= (7x - 10)(x + 8) \\
7x^2 + 46x - 21 &= (7x - 3)(x + 7) \\
7x^2 + 46x + 24 &= (7x + 4)(x + 6) \\
7x^2 + 47x - 72 &= (7x - 9)(x + 8) \\
7x^2 + 47x - 14 &= (7x - 2)(x + 7) \\
7x^2 + 47x + 30 &= (7x + 5)(x + 6) \\
7x^2 + 48x - 64 &= (7x - 8)(x + 8) \\
7x^2 + 48x - 7 &= (7x - 1)(x + 7) \\
7x^2 + 48x + 36 &= (7x + 6)(x + 6) \\
7x^2 + 50x - 48 &= (7x - 6)(x + 8) \\
7x^2 + 50x + 7 &= (7x + 1)(x + 7) \\
7x^2 + 50x + 48 &= (7x + 8)(x + 6) \\
7x^2 + 51x - 40 &= (7x - 5)(x + 8) \\
7x^2 + 51x + 14 &= (7x + 2)(x + 7) \\
7x^2 + 51x + 54 &= (7x + 9)(x + 6) \\
7x^2 + 52x - 32 &= (7x - 4)(x + 8) \\
7x^2 + 52x + 21 &= (7x + 3)(x + 7) \\
7x^2 + 52x + 60 &= (7x + 10)(x + 6) \\
7x^2 + 53x - 90 &= (7x - 10)(x + 9) \\
7x^2 + 53x - 24 &= (7x - 3)(x + 8) \\
7x^2 + 53x + 28 &= (7x + 4)(x + 7) \\
7x^2 + 54x - 81 &= (7x - 9)(x + 9) \\
7x^2 + 54x - 16 &= (7x - 2)(x + 8) \\
7x^2 + 54x + 35 &= (7x + 5)(x + 7) \\
7x^2 + 55x - 72 &= (7x - 8)(x + 9) \\
7x^2 + 55x - 8 &= (7x - 1)(x + 8) \\
7x^2 + 55x + 42 &= (7x + 6)(x + 7) \\
7x^2 + 57x - 54 &= (7x - 6)(x + 9) \\
7x^2 + 57x + 8 &= (7x + 1)(x + 8) \\
7x^2 + 57x + 56 &= (7x + 8)(x + 7) \\
7x^2 + 58x - 45 &= (7x - 5)(x + 9) \\
7x^2 + 58x + 16 &= (7x + 2)(x + 8) \\
7x^2 + 58x + 63 &= (7x + 9)(x + 7) \\
7x^2 + 59x - 36 &= (7x - 4)(x + 9) \\
7x^2 + 59x + 24 &= (7x + 3)(x + 8) \\
7x^2 + 59x + 70 &= (7x + 10)(x + 7) \\
7x^2 + 60x - 100 &= (7x - 10)(x + 10) \\
7x^2 + 60x - 27 &= (7x - 3)(x + 9) \\
7x^2 + 60x + 32 &= (7x + 4)(x + 8)
\end{aligned}$$

$$\begin{aligned}
7x^2 + 61x - 90 &= (7x - 9)(x + 10) \\
7x^2 + 61x - 18 &= (7x - 2)(x + 9) \\
7x^2 + 61x + 40 &= (7x + 5)(x + 8) \\
7x^2 + 62x - 80 &= (7x - 8)(x + 10) \\
7x^2 + 62x - 9 &= (7x - 1)(x + 9) \\
7x^2 + 62x + 48 &= (7x + 6)(x + 8) \\
7x^2 + 64x - 60 &= (7x - 6)(x + 10) \\
7x^2 + 64x + 9 &= (7x + 1)(x + 9) \\
7x^2 + 64x + 64 &= (7x + 8)(x + 8) \\
7x^2 + 65x - 50 &= (7x - 5)(x + 10) \\
7x^2 + 65x + 18 &= (7x + 2)(x + 9) \\
7x^2 + 65x + 72 &= (7x + 9)(x + 8) \\
7x^2 + 66x - 40 &= (7x - 4)(x + 10) \\
7x^2 + 66x + 27 &= (7x + 3)(x + 9) \\
7x^2 + 66x + 80 &= (7x + 10)(x + 8) \\
7x^2 + 67x - 30 &= (7x - 3)(x + 10) \\
7x^2 + 67x + 36 &= (7x + 4)(x + 9) \\
7x^2 + 68x - 20 &= (7x - 2)(x + 10) \\
7x^2 + 68x + 45 &= (7x + 5)(x + 9) \\
7x^2 + 69x - 10 &= (7x - 1)(x + 10) \\
7x^2 + 69x + 54 &= (7x + 6)(x + 9) \\
7x^2 + 71x + 10 &= (7x + 1)(x + 10) \\
7x^2 + 71x + 72 &= (7x + 8)(x + 9) \\
7x^2 + 72x + 20 &= (7x + 2)(x + 10) \\
7x^2 + 72x + 81 &= (7x + 9)(x + 9) \\
7x^2 + 73x + 30 &= (7x + 3)(x + 10) \\
7x^2 + 73x + 90 &= (7x + 10)(x + 9) \\
7x^2 + 74x + 40 &= (7x + 4)(x + 10) \\
7x^2 + 75x + 50 &= (7x + 5)(x + 10) \\
7x^2 + 76x + 60 &= (7x + 6)(x + 10) \\
7x^2 + 78x + 80 &= (7x + 8)(x + 10) \\
7x^2 + 79x + 90 &= (7x + 9)(x + 10) \\
7x^2 + 80x + 100 &= (7x + 10)(x + 10) \\
8x^2 - 89x + 90 &= (8x - 9)(x - 10) \\
8x^2 - 87x + 70 &= (8x - 7)(x - 10) \\
8x^2 - 85x + 50 &= (8x - 5)(x - 10) \\
8x^2 - 83x + 30 &= (8x - 3)(x - 10) \\
8x^2 - 81x + 10 &= (8x - 1)(x - 10) \\
8x^2 - 81x + 81 &= (8x - 9)(x - 9) \\
8x^2 - 79x - 10 &= (8x + 1)(x - 10) \\
8x^2 - 79x + 63 &= (8x - 7)(x - 9) \\
8x^2 - 77x - 30 &= (8x + 3)(x - 10) \\
8x^2 - 77x + 45 &= (8x - 5)(x - 9) \\
8x^2 - 75x - 50 &= (8x + 5)(x - 10) \\
8x^2 - 75x + 27 &= (8x - 3)(x - 9) \\
8x^2 - 73x - 70 &= (8x + 7)(x - 10) \\
8x^2 - 73x + 9 &= (8x - 1)(x - 9) \\
8x^2 - 73x + 72 &= (8x - 9)(x - 8) \\
8x^2 - 71x - 90 &= (8x + 9)(x - 10) \\
8x^2 - 71x - 9 &= (8x + 1)(x - 9) \\
8x^2 - 71x + 56 &= (8x - 7)(x - 8) \\
8x^2 - 69x - 27 &= (8x + 3)(x - 9) \\
8x^2 - 69x + 40 &= (8x - 5)(x - 8) \\
8x^2 - 67x - 45 &= (8x + 5)(x - 9) \\
8x^2 - 67x + 24 &= (8x - 3)(x - 8)
\end{aligned}$$

$$\begin{aligned}
8x^2 - 65x - 63 &= (8x + 7)(x - 9) \\
8x^2 - 65x + 8 &= (8x - 1)(x - 8) \\
8x^2 - 65x + 63 &= (8x - 9)(x - 7) \\
8x^2 - 63x - 81 &= (8x + 9)(x - 9) \\
8x^2 - 63x - 8 &= (8x + 1)(x - 8) \\
8x^2 - 63x + 49 &= (8x - 7)(x - 7) \\
8x^2 - 61x - 24 &= (8x + 3)(x - 8) \\
8x^2 - 61x + 35 &= (8x - 5)(x - 7) \\
8x^2 - 59x - 40 &= (8x + 5)(x - 8) \\
8x^2 - 59x + 21 &= (8x - 3)(x - 7) \\
8x^2 - 57x - 56 &= (8x + 7)(x - 8) \\
8x^2 - 57x + 7 &= (8x - 1)(x - 7) \\
8x^2 - 57x + 54 &= (8x - 9)(x - 6) \\
8x^2 - 55x - 72 &= (8x + 9)(x - 8) \\
8x^2 - 55x - 7 &= (8x + 1)(x - 7) \\
8x^2 - 55x + 42 &= (8x - 7)(x - 6) \\
8x^2 - 54x + 81 &= (2x - 9)(4x - 9) \\
8x^2 - 53x - 21 &= (8x + 3)(x - 7) \\
8x^2 - 53x + 30 &= (8x - 5)(x - 6) \\
8x^2 - 51x - 35 &= (8x + 5)(x - 7) \\
8x^2 - 51x + 18 &= (8x - 3)(x - 6) \\
8x^2 - 50x + 63 &= (2x - 9)(4x - 7) \\
8x^2 - 49x - 49 &= (8x + 7)(x - 7) \\
8x^2 - 49x + 6 &= (8x - 1)(x - 6) \\
8x^2 - 49x + 45 &= (8x - 9)(x - 5) \\
8x^2 - 47x - 63 &= (8x + 9)(x - 7) \\
8x^2 - 47x - 6 &= (8x + 1)(x - 6) \\
8x^2 - 47x + 35 &= (8x - 7)(x - 5) \\
8x^2 - 46x + 45 &= (2x - 9)(4x - 5) \\
8x^2 - 46x + 63 &= (2x - 7)(4x - 9) \\
8x^2 - 45x - 18 &= (8x + 3)(x - 6) \\
8x^2 - 45x + 25 &= (8x - 5)(x - 5) \\
8x^2 - 43x - 30 &= (8x + 5)(x - 6) \\
8x^2 - 43x + 15 &= (8x - 3)(x - 5) \\
8x^2 - 42x + 27 &= (2x - 9)(4x - 3) \\
8x^2 - 42x + 49 &= (2x - 7)(4x - 7) \\
8x^2 - 41x - 42 &= (8x + 7)(x - 6) \\
8x^2 - 41x + 5 &= (8x - 1)(x - 5) \\
8x^2 - 41x + 36 &= (8x - 9)(x - 4) \\
8x^2 - 39x - 54 &= (8x + 9)(x - 6) \\
8x^2 - 39x - 5 &= (8x + 1)(x - 5) \\
8x^2 - 39x + 28 &= (8x - 7)(x - 4) \\
8x^2 - 38x + 9 &= (2x - 9)(4x - 1) \\
8x^2 - 38x + 35 &= (2x - 7)(4x - 5) \\
8x^2 - 38x + 45 &= (2x - 5)(4x - 9) \\
8x^2 - 37x - 15 &= (8x + 3)(x - 5) \\
8x^2 - 37x + 20 &= (8x - 5)(x - 4) \\
8x^2 - 35x - 25 &= (8x + 5)(x - 5) \\
8x^2 - 35x + 12 &= (8x - 3)(x - 4) \\
8x^2 - 34x - 9 &= (2x - 9)(4x + 1) \\
8x^2 - 34x + 21 &= (2x - 7)(4x - 3) \\
8x^2 - 34x + 35 &= (2x - 5)(4x - 7) \\
8x^2 - 33x - 35 &= (8x + 7)(x - 5) \\
8x^2 - 33x + 4 &= (8x - 1)(x - 4) \\
8x^2 - 33x + 27 &= (8x - 9)(x - 3)
\end{aligned}$$

$$\begin{aligned}
8x^2 - 31x - 45 &= (8x + 9)(x - 5) \\
8x^2 - 31x - 4 &= (8x + 1)(x - 4) \\
8x^2 - 31x + 21 &= (8x - 7)(x - 3) \\
8x^2 - 30x - 27 &= (2x - 9)(4x + 3) \\
8x^2 - 30x + 7 &= (2x - 7)(4x - 1) \\
8x^2 - 30x + 25 &= (2x - 5)(4x - 5) \\
8x^2 - 30x + 27 &= (2x - 3)(4x - 9) \\
8x^2 - 29x - 12 &= (8x + 3)(x - 4) \\
8x^2 - 29x + 15 &= (8x - 5)(x - 3) \\
8x^2 - 27x - 20 &= (8x + 5)(x - 4) \\
8x^2 - 27x + 9 &= (8x - 3)(x - 3) \\
8x^2 - 26x - 45 &= (2x - 9)(4x + 5) \\
8x^2 - 26x - 7 &= (2x - 7)(4x + 1) \\
8x^2 - 26x + 15 &= (2x - 5)(4x - 3) \\
8x^2 - 26x + 21 &= (2x - 3)(4x - 7) \\
8x^2 - 25x - 28 &= (8x + 7)(x - 4) \\
8x^2 - 25x + 3 &= (8x - 1)(x - 3) \\
8x^2 - 25x + 18 &= (8x - 9)(x - 2) \\
8x^2 - 23x - 36 &= (8x + 9)(x - 4) \\
8x^2 - 23x - 3 &= (8x + 1)(x - 3) \\
8x^2 - 23x + 14 &= (8x - 7)(x - 2) \\
8x^2 - 22x - 63 &= (2x - 9)(4x + 7) \\
8x^2 - 22x - 21 &= (2x - 7)(4x + 3) \\
8x^2 - 22x + 5 &= (2x - 5)(4x - 1) \\
8x^2 - 22x + 9 &= (2x - 1)(4x - 9) \\
8x^2 - 22x + 15 &= (2x - 3)(4x - 5) \\
8x^2 - 21x - 9 &= (8x + 3)(x - 3) \\
8x^2 - 21x + 10 &= (8x - 5)(x - 2) \\
8x^2 - 19x - 15 &= (8x + 5)(x - 3) \\
8x^2 - 19x + 6 &= (8x - 3)(x - 2) \\
8x^2 - 18x - 81 &= (2x - 9)(4x + 9) \\
8x^2 - 18x - 35 &= (2x - 7)(4x + 5) \\
8x^2 - 18x - 5 &= (2x - 5)(4x + 1) \\
8x^2 - 18x + 7 &= (2x - 1)(4x - 7) \\
8x^2 - 18x + 9 &= (2x - 3)(4x - 3) \\
8x^2 - 17x - 21 &= (8x + 7)(x - 3) \\
8x^2 - 17x + 2 &= (8x - 1)(x - 2) \\
8x^2 - 17x + 9 &= (8x - 9)(x - 1) \\
8x^2 - 15x - 27 &= (8x + 9)(x - 3) \\
8x^2 - 15x - 2 &= (8x + 1)(x - 2) \\
8x^2 - 15x + 7 &= (8x - 7)(x - 1) \\
8x^2 - 14x - 49 &= (2x - 7)(4x + 7) \\
8x^2 - 14x - 15 &= (2x - 5)(4x + 3) \\
8x^2 - 14x - 9 &= (2x + 1)(4x - 9) \\
8x^2 - 14x + 3 &= (2x - 3)(4x - 1) \\
8x^2 - 14x + 5 &= (2x - 1)(4x - 5) \\
8x^2 - 13x - 6 &= (8x + 3)(x - 2) \\
8x^2 - 13x + 5 &= (8x - 5)(x - 1) \\
8x^2 - 11x - 10 &= (8x + 5)(x - 2) \\
8x^2 - 11x + 3 &= (8x - 3)(x - 1) \\
8x^2 - 10x - 63 &= (2x - 7)(4x + 9) \\
8x^2 - 10x - 25 &= (2x - 5)(4x + 5) \\
8x^2 - 10x - 7 &= (2x + 1)(4x - 7) \\
8x^2 - 10x - 3 &= (2x - 3)(4x + 1) \\
8x^2 - 10x + 3 &= (2x - 1)(4x - 3)
\end{aligned}$$

$8x^2 - 9x - 14 = (8x + 7)(x - 2)$	$8x^2 + 17x + 9 = (8x + 9)(x + 1)$	$8x^2 + 42x + 27 = (2x + 9)(4x + 3)$
$8x^2 - 9x + 1 = (8x - 1)(x - 1)$	$8x^2 + 18x - 81 = (2x + 9)(4x - 9)$	$8x^2 + 42x + 49 = (2x + 7)(4x + 7)$
$8x^2 - 7x - 18 = (8x + 9)(x - 2)$	$8x^2 + 18x - 35 = (2x + 7)(4x - 5)$	$8x^2 + 43x - 30 = (8x - 5)(x + 6)$
$8x^2 - 7x - 1 = (8x + 1)(x - 1)$	$8x^2 + 18x - 5 = (2x + 5)(4x - 1)$	$8x^2 + 43x + 15 = (8x + 3)(x + 5)$
$8x^2 - 6x - 35 = (2x - 5)(4x + 7)$	$8x^2 + 18x + 7 = (2x + 1)(4x + 7)$	$8x^2 + 45x - 18 = (8x - 3)(x + 6)$
$8x^2 - 6x - 27 = (2x + 3)(4x - 9)$	$8x^2 + 18x + 9 = (2x + 3)(4x + 3)$	$8x^2 + 45x + 25 = (8x + 5)(x + 5)$
$8x^2 - 6x - 9 = (2x - 3)(4x + 3)$	$8x^2 + 19x - 15 = (8x - 5)(x + 3)$	$8x^2 + 46x + 45 = (2x + 9)(4x + 5)$
$8x^2 - 6x - 5 = (2x + 1)(4x - 5)$	$8x^2 + 19x + 6 = (8x + 3)(x + 2)$	$8x^2 + 46x + 63 = (2x + 7)(4x + 9)$
$8x^2 - 6x + 1 = (2x - 1)(4x - 1)$	$8x^2 + 21x - 9 = (8x - 3)(x + 3)$	$8x^2 + 47x - 63 = (8x - 9)(x + 7)$
$8x^2 - 5x - 3 = (8x + 3)(x - 1)$	$8x^2 + 21x + 10 = (8x + 5)(x + 2)$	$8x^2 + 47x - 6 = (8x - 1)(x + 6)$
$8x^2 - 3x - 5 = (8x + 5)(x - 1)$	$8x^2 + 22x - 63 = (2x + 9)(4x - 7)$	$8x^2 + 47x + 35 = (8x + 7)(x + 5)$
$8x^2 - 2x - 45 = (2x - 5)(4x + 9)$	$8x^2 + 22x - 21 = (2x + 7)(4x - 3)$	$8x^2 + 49x - 49 = (8x - 7)(x + 7)$
$8x^2 - 2x - 21 = (2x + 3)(4x - 7)$	$8x^2 + 22x + 5 = (2x + 5)(4x + 1)$	$8x^2 + 49x + 6 = (8x + 1)(x + 6)$
$8x^2 - 2x - 15 = (2x - 3)(4x + 5)$	$8x^2 + 22x + 9 = (2x + 1)(4x + 9)$	$8x^2 + 49x + 45 = (8x + 9)(x + 5)$
$8x^2 - 2x - 3 = (2x + 1)(4x - 3)$	$8x^2 + 22x + 15 = (2x + 3)(4x + 5)$	$8x^2 + 50x + 63 = (2x + 9)(4x + 7)$
$8x^2 - 2x - 1 = (2x - 1)(4x + 1)$	$8x^2 + 23x - 36 = (8x - 9)(x + 4)$	$8x^2 + 51x - 35 = (8x - 5)(x + 7)$
$8x^2 - 1x - 9 = (8x - 9)(x + 1)$	$8x^2 + 23x - 3 = (8x - 1)(x + 3)$	$8x^2 + 51x + 18 = (8x + 3)(x + 6)$
$8x^2 - 1x - 7 = (8x + 7)(x - 1)$	$8x^2 + 23x + 14 = (8x + 7)(x + 2)$	$8x^2 + 53x - 21 = (8x - 3)(x + 7)$
$8x^2 + 1x - 9 = (8x + 9)(x - 1)$	$8x^2 + 25x - 28 = (8x - 7)(x + 4)$	$8x^2 + 53x + 30 = (8x + 5)(x + 6)$
$8x^2 + 1x - 7 = (8x - 7)(x + 1)$	$8x^2 + 25x + 3 = (8x + 1)(x + 3)$	$8x^2 + 54x + 81 = (2x + 9)(4x + 9)$
$8x^2 + 2x - 45 = (2x + 5)(4x - 9)$	$8x^2 + 25x + 18 = (8x + 9)(x + 2)$	$8x^2 + 55x - 72 = (8x - 9)(x + 8)$
$8x^2 + 2x - 21 = (2x - 3)(4x + 7)$	$8x^2 + 26x - 45 = (2x + 9)(4x - 5)$	$8x^2 + 55x - 7 = (8x - 1)(x + 7)$
$8x^2 + 2x - 15 = (2x + 3)(4x - 5)$	$8x^2 + 26x - 7 = (2x + 7)(4x - 1)$	$8x^2 + 55x + 42 = (8x + 7)(x + 6)$
$8x^2 + 2x - 3 = (2x - 1)(4x + 3)$	$8x^2 + 26x + 15 = (2x + 5)(4x + 3)$	$8x^2 + 57x - 56 = (8x - 7)(x + 8)$
$8x^2 + 2x - 1 = (2x + 1)(4x - 1)$	$8x^2 + 26x + 21 = (2x + 3)(4x + 7)$	$8x^2 + 57x + 7 = (8x + 1)(x + 7)$
$8x^2 + 3x - 5 = (8x - 5)(x + 1)$	$8x^2 + 27x - 20 = (8x - 5)(x + 4)$	$8x^2 + 57x + 54 = (8x + 9)(x + 6)$
$8x^2 + 5x - 3 = (8x - 3)(x + 1)$	$8x^2 + 27x + 9 = (8x + 3)(x + 3)$	$8x^2 + 59x - 40 = (8x - 5)(x + 8)$
$8x^2 + 6x - 35 = (2x + 5)(4x - 7)$	$8x^2 + 29x - 12 = (8x - 3)(x + 4)$	$8x^2 + 59x + 21 = (8x + 3)(x + 7)$
$8x^2 + 6x - 27 = (2x - 3)(4x + 9)$	$8x^2 + 29x + 15 = (8x + 5)(x + 3)$	$8x^2 + 61x - 24 = (8x - 3)(x + 8)$
$8x^2 + 6x - 9 = (2x + 3)(4x - 3)$	$8x^2 + 30x - 27 = (2x + 9)(4x - 3)$	$8x^2 + 61x + 35 = (8x + 5)(x + 7)$
$8x^2 + 6x - 5 = (2x - 1)(4x + 5)$	$8x^2 + 30x + 7 = (2x + 7)(4x + 1)$	$8x^2 + 63x - 81 = (8x - 9)(x + 9)$
$8x^2 + 6x + 1 = (2x + 1)(4x + 1)$	$8x^2 + 30x + 25 = (2x + 5)(4x + 5)$	$8x^2 + 63x - 8 = (8x - 1)(x + 8)$
$8x^2 + 7x - 18 = (8x - 9)(x + 2)$	$8x^2 + 30x + 27 = (2x + 3)(4x + 9)$	$8x^2 + 63x + 49 = (8x + 7)(x + 7)$
$8x^2 + 7x - 1 = (8x - 1)(x + 1)$	$8x^2 + 31x - 45 = (8x - 9)(x + 5)$	$8x^2 + 65x - 63 = (8x - 7)(x + 9)$
$8x^2 + 9x - 14 = (8x - 7)(x + 2)$	$8x^2 + 31x - 4 = (8x - 1)(x + 4)$	$8x^2 + 65x + 8 = (8x + 1)(x + 8)$
$8x^2 + 9x + 1 = (8x + 1)(x + 1)$	$8x^2 + 31x + 21 = (8x + 7)(x + 3)$	$8x^2 + 65x + 63 = (8x + 9)(x + 7)$
$8x^2 + 10x - 63 = (2x + 7)(4x - 9)$	$8x^2 + 33x - 35 = (8x - 7)(x + 5)$	$8x^2 + 67x - 45 = (8x - 5)(x + 9)$
$8x^2 + 10x - 25 = (2x + 5)(4x - 5)$	$8x^2 + 33x + 4 = (8x + 1)(x + 4)$	$8x^2 + 67x + 24 = (8x + 3)(x + 8)$
$8x^2 + 10x - 7 = (2x - 1)(4x + 7)$	$8x^2 + 33x + 27 = (8x + 9)(x + 3)$	$8x^2 + 69x - 27 = (8x - 3)(x + 9)$
$8x^2 + 10x - 3 = (2x + 3)(4x - 1)$	$8x^2 + 34x - 9 = (2x + 9)(4x - 1)$	$8x^2 + 69x + 40 = (8x + 5)(x + 8)$
$8x^2 + 10x + 3 = (2x + 1)(4x + 3)$	$8x^2 + 34x + 21 = (2x + 7)(4x + 3)$	$8x^2 + 71x - 90 = (8x - 9)(x + 10)$
$8x^2 + 11x - 10 = (8x - 5)(x + 2)$	$8x^2 + 34x + 35 = (2x + 5)(4x + 7)$	$8x^2 + 71x - 9 = (8x - 1)(x + 9)$
$8x^2 + 11x + 3 = (8x + 3)(x + 1)$	$8x^2 + 35x - 25 = (8x - 5)(x + 5)$	$8x^2 + 71x + 56 = (8x + 7)(x + 8)$
$8x^2 + 13x - 6 = (8x - 3)(x + 2)$	$8x^2 + 35x + 12 = (8x + 3)(x + 4)$	$8x^2 + 73x - 70 = (8x - 7)(x + 10)$
$8x^2 + 13x + 5 = (8x + 5)(x + 1)$	$8x^2 + 37x - 15 = (8x - 3)(x + 5)$	$8x^2 + 73x + 9 = (8x + 1)(x + 9)$
$8x^2 + 14x - 49 = (2x + 7)(4x - 7)$	$8x^2 + 37x + 20 = (8x + 5)(x + 4)$	$8x^2 + 73x + 72 = (8x + 9)(x + 8)$
$8x^2 + 14x - 15 = (2x + 5)(4x - 3)$	$8x^2 + 38x + 9 = (2x + 9)(4x + 1)$	$8x^2 + 75x - 50 = (8x - 5)(x + 10)$
$8x^2 + 14x - 9 = (2x - 1)(4x + 9)$	$8x^2 + 38x + 35 = (2x + 7)(4x + 5)$	$8x^2 + 75x + 27 = (8x + 3)(x + 9)$
$8x^2 + 14x + 3 = (2x + 3)(4x + 1)$	$8x^2 + 38x + 45 = (2x + 5)(4x + 9)$	$8x^2 + 77x - 30 = (8x - 3)(x + 10)$
$8x^2 + 14x + 5 = (2x + 1)(4x + 5)$	$8x^2 + 39x - 54 = (8x - 9)(x + 6)$	$8x^2 + 77x + 45 = (8x + 5)(x + 9)$
$8x^2 + 15x - 27 = (8x - 9)(x + 3)$	$8x^2 + 39x - 5 = (8x - 1)(x + 5)$	$8x^2 + 79x - 10 = (8x - 1)(x + 10)$
$8x^2 + 15x - 2 = (8x - 1)(x + 2)$	$8x^2 + 39x + 28 = (8x + 7)(x + 4)$	$8x^2 + 79x + 63 = (8x + 7)(x + 9)$
$8x^2 + 15x + 7 = (8x + 7)(x + 1)$	$8x^2 + 41x - 42 = (8x - 7)(x + 6)$	$8x^2 + 81x + 10 = (8x + 1)(x + 10)$
$8x^2 + 17x - 21 = (8x - 7)(x + 3)$	$8x^2 + 41x + 5 = (8x + 1)(x + 5)$	$8x^2 + 81x + 81 = (8x + 9)(x + 9)$
$8x^2 + 17x + 2 = (8x + 1)(x + 2)$	$8x^2 + 41x + 36 = (8x + 9)(x + 4)$	$8x^2 + 83x + 30 = (8x + 3)(x + 10)$

$$\begin{aligned}
8x^2 + 85x + 50 &= (8x + 5)(x + 10) \\
8x^2 + 87x + 70 &= (8x + 7)(x + 10) \\
8x^2 + 89x + 90 &= (8x + 9)(x + 10) \\
9x^2 - 100x + 100 &= (9x - 10)(x - 10) \\
9x^2 - 98x + 80 &= (9x - 8)(x - 10) \\
9x^2 - 97x + 70 &= (9x - 7)(x - 10) \\
9x^2 - 95x + 50 &= (9x - 5)(x - 10) \\
9x^2 - 94x + 40 &= (9x - 4)(x - 10) \\
9x^2 - 92x + 20 &= (9x - 2)(x - 10) \\
9x^2 - 91x + 10 &= (9x - 1)(x - 10) \\
9x^2 - 91x + 90 &= (9x - 10)(x - 9) \\
9x^2 - 89x - 10 &= (9x + 1)(x - 10) \\
9x^2 - 89x + 72 &= (9x - 8)(x - 9) \\
9x^2 - 88x - 20 &= (9x + 2)(x - 10) \\
9x^2 - 88x + 63 &= (9x - 7)(x - 9) \\
9x^2 - 86x - 40 &= (9x + 4)(x - 10) \\
9x^2 - 86x + 45 &= (9x - 5)(x - 9) \\
9x^2 - 85x - 50 &= (9x + 5)(x - 10) \\
9x^2 - 85x + 36 &= (9x - 4)(x - 9) \\
9x^2 - 83x - 70 &= (9x + 7)(x - 10) \\
9x^2 - 83x + 18 &= (9x - 2)(x - 9) \\
9x^2 - 82x - 80 &= (9x + 8)(x - 10) \\
9x^2 - 82x + 9 &= (9x - 1)(x - 9) \\
9x^2 - 82x + 80 &= (9x - 10)(x - 8) \\
9x^2 - 80x - 100 &= (9x + 10)(x - 10) \\
9x^2 - 80x - 9 &= (9x + 1)(x - 9) \\
9x^2 - 80x + 64 &= (9x - 8)(x - 8) \\
9x^2 - 79x - 18 &= (9x + 2)(x - 9) \\
9x^2 - 79x + 56 &= (9x - 7)(x - 8) \\
9x^2 - 77x - 36 &= (9x + 4)(x - 9) \\
9x^2 - 77x + 40 &= (9x - 5)(x - 8) \\
9x^2 - 76x - 45 &= (9x + 5)(x - 9) \\
9x^2 - 76x + 32 &= (9x - 4)(x - 8) \\
9x^2 - 74x - 63 &= (9x + 7)(x - 9) \\
9x^2 - 74x + 16 &= (9x - 2)(x - 8) \\
9x^2 - 73x - 72 &= (9x + 8)(x - 9) \\
9x^2 - 73x + 8 &= (9x - 1)(x - 8) \\
9x^2 - 73x + 70 &= (9x - 10)(x - 7) \\
9x^2 - 71x - 90 &= (9x + 10)(x - 9) \\
9x^2 - 71x - 8 &= (9x + 1)(x - 8) \\
9x^2 - 71x + 56 &= (9x - 8)(x - 7) \\
9x^2 - 70x - 16 &= (9x + 2)(x - 8) \\
9x^2 - 70x + 49 &= (9x - 7)(x - 7) \\
9x^2 - 68x - 32 &= (9x + 4)(x - 8) \\
9x^2 - 68x + 35 &= (9x - 5)(x - 7) \\
9x^2 - 67x - 40 &= (9x + 5)(x - 8) \\
9x^2 - 67x + 28 &= (9x - 4)(x - 7) \\
9x^2 - 65x - 56 &= (9x + 7)(x - 8) \\
9x^2 - 65x + 14 &= (9x - 2)(x - 7) \\
9x^2 - 64x - 64 &= (9x + 8)(x - 8) \\
9x^2 - 64x + 7 &= (9x - 1)(x - 7) \\
9x^2 - 64x + 60 &= (9x - 10)(x - 6) \\
9x^2 - 62x - 80 &= (9x + 10)(x - 8) \\
9x^2 - 62x - 7 &= (9x + 1)(x - 7) \\
9x^2 - 62x + 48 &= (9x - 8)(x - 6)
\end{aligned}$$

$$\begin{aligned}
9x^2 - 61x - 14 &= (9x + 2)(x - 7) \\
9x^2 - 61x + 42 &= (9x - 7)(x - 6) \\
9x^2 - 59x - 28 &= (9x + 4)(x - 7) \\
9x^2 - 59x + 30 &= (9x - 5)(x - 6) \\
9x^2 - 58x - 35 &= (9x + 5)(x - 7) \\
9x^2 - 58x + 24 &= (9x - 4)(x - 6) \\
9x^2 - 56x - 49 &= (9x + 7)(x - 7) \\
9x^2 - 56x + 12 &= (9x - 2)(x - 6) \\
9x^2 - 55x - 56 &= (9x + 8)(x - 7) \\
9x^2 - 55x + 6 &= (9x - 1)(x - 6) \\
9x^2 - 55x + 50 &= (9x - 10)(x - 5) \\
9x^2 - 54x + 80 &= (3x - 10)(3x - 8) \\
9x^2 - 53x - 70 &= (9x + 10)(x - 7) \\
9x^2 - 53x - 6 &= (9x + 1)(x - 6) \\
9x^2 - 53x + 40 &= (9x - 8)(x - 5) \\
9x^2 - 52x - 12 &= (9x + 2)(x - 6) \\
9x^2 - 52x + 35 &= (9x - 7)(x - 5) \\
9x^2 - 51x + 70 &= (3x - 10)(3x - 7) \\
9x^2 - 50x - 24 &= (9x + 4)(x - 6) \\
9x^2 - 50x + 25 &= (9x - 5)(x - 5) \\
9x^2 - 49x - 30 &= (9x + 5)(x - 6) \\
9x^2 - 49x + 20 &= (9x - 4)(x - 5) \\
9x^2 - 47x - 42 &= (9x + 7)(x - 6) \\
9x^2 - 47x + 10 &= (9x - 2)(x - 5) \\
9x^2 - 46x - 48 &= (9x + 8)(x - 6) \\
9x^2 - 46x + 5 &= (9x - 1)(x - 5) \\
9x^2 - 46x + 40 &= (9x - 10)(x - 4) \\
9x^2 - 45x + 50 &= (3x - 10)(3x - 5) \\
9x^2 - 45x + 56 &= (3x - 7)(3x - 8) \\
9x^2 - 44x - 60 &= (9x + 10)(x - 6) \\
9x^2 - 44x - 5 &= (9x + 1)(x - 5) \\
9x^2 - 44x + 32 &= (9x - 8)(x - 4) \\
9x^2 - 43x - 10 &= (9x + 2)(x - 5) \\
9x^2 - 43x + 28 &= (9x - 7)(x - 4) \\
9x^2 - 42x + 40 &= (3x - 10)(3x - 4) \\
9x^2 - 41x - 20 &= (9x + 4)(x - 5) \\
9x^2 - 41x + 20 &= (9x - 5)(x - 4) \\
9x^2 - 40x - 25 &= (9x + 5)(x - 5) \\
9x^2 - 40x + 16 &= (9x - 4)(x - 4) \\
9x^2 - 39x + 40 &= (3x - 5)(3x - 8) \\
9x^2 - 38x - 35 &= (9x + 7)(x - 5) \\
9x^2 - 38x + 8 &= (9x - 2)(x - 4) \\
9x^2 - 37x - 40 &= (9x + 8)(x - 5) \\
9x^2 - 37x + 4 &= (9x - 1)(x - 4) \\
9x^2 - 37x + 30 &= (9x - 10)(x - 3) \\
9x^2 - 36x + 20 &= (3x - 10)(3x - 2) \\
9x^2 - 36x + 32 &= (3x - 4)(3x - 8) \\
9x^2 - 36x + 35 &= (3x - 5)(3x - 7) \\
9x^2 - 35x - 50 &= (9x + 10)(x - 5) \\
9x^2 - 35x - 4 &= (9x + 1)(x - 4) \\
9x^2 - 35x + 24 &= (9x - 8)(x - 3) \\
9x^2 - 34x - 8 &= (9x + 2)(x - 4) \\
9x^2 - 34x + 21 &= (9x - 7)(x - 3) \\
9x^2 - 33x + 10 &= (3x - 1)(3x - 10) \\
9x^2 - 33x + 28 &= (3x - 4)(3x - 7)
\end{aligned}$$

$$\begin{aligned}
9x^2 - 32x - 16 &= (9x + 4)(x - 4) \\
9x^2 - 32x + 15 &= (9x - 5)(x - 3) \\
9x^2 - 31x - 20 &= (9x + 5)(x - 4) \\
9x^2 - 31x + 12 &= (9x - 4)(x - 3) \\
9x^2 - 30x + 16 &= (3x - 2)(3x - 8) \\
9x^2 - 29x - 28 &= (9x + 7)(x - 4) \\
9x^2 - 29x + 6 &= (9x - 2)(x - 3) \\
9x^2 - 28x - 32 &= (9x + 8)(x - 4) \\
9x^2 - 28x + 3 &= (9x - 1)(x - 3) \\
9x^2 - 28x + 20 &= (9x - 10)(x - 2) \\
9x^2 - 27x - 10 &= (3x + 1)(3x - 10) \\
9x^2 - 27x + 8 &= (3x - 1)(3x - 8) \\
9x^2 - 27x + 14 &= (3x - 2)(3x - 7) \\
9x^2 - 27x + 20 &= (3x - 4)(3x - 5) \\
9x^2 - 26x - 40 &= (9x + 10)(x - 4) \\
9x^2 - 26x - 3 &= (9x + 1)(x - 3) \\
9x^2 - 26x + 16 &= (9x - 8)(x - 2) \\
9x^2 - 25x - 6 &= (9x + 2)(x - 3) \\
9x^2 - 25x + 14 &= (9x - 7)(x - 2) \\
9x^2 - 24x - 20 &= (3x + 2)(3x - 10) \\
9x^2 - 24x + 7 &= (3x - 1)(3x - 7) \\
9x^2 - 23x - 12 &= (9x + 4)(x - 3) \\
9x^2 - 23x + 10 &= (9x - 5)(x - 2) \\
9x^2 - 22x - 15 &= (9x + 5)(x - 3) \\
9x^2 - 22x + 8 &= (9x - 4)(x - 2) \\
9x^2 - 21x - 8 &= (3x + 1)(3x - 8) \\
9x^2 - 21x + 10 &= (3x - 2)(3x - 5) \\
9x^2 - 20x - 21 &= (9x + 7)(x - 3) \\
9x^2 - 20x + 4 &= (9x - 2)(x - 2) \\
9x^2 - 19x - 24 &= (9x + 8)(x - 3) \\
9x^2 - 19x + 2 &= (9x - 1)(x - 2) \\
9x^2 - 19x + 10 &= (9x - 10)(x - 1) \\
9x^2 - 18x - 40 &= (3x + 4)(3x - 10) \\
9x^2 - 18x - 16 &= (3x + 2)(3x - 8) \\
9x^2 - 18x - 7 &= (3x + 1)(3x - 7) \\
9x^2 - 18x + 5 &= (3x - 1)(3x - 5) \\
9x^2 - 18x + 8 &= (3x - 2)(3x - 4) \\
9x^2 - 17x - 30 &= (9x + 10)(x - 3) \\
9x^2 - 17x - 2 &= (9x + 1)(x - 2) \\
9x^2 - 17x + 8 &= (9x - 8)(x - 1) \\
9x^2 - 16x - 4 &= (9x + 2)(x - 2) \\
9x^2 - 16x + 7 &= (9x - 7)(x - 1) \\
9x^2 - 15x - 50 &= (3x + 5)(3x - 10) \\
9x^2 - 15x - 14 &= (3x + 2)(3x - 7) \\
9x^2 - 15x + 4 &= (3x - 1)(3x - 4) \\
9x^2 - 14x - 8 &= (9x + 4)(x - 2) \\
9x^2 - 14x + 5 &= (9x - 5)(x - 1) \\
9x^2 - 13x - 10 &= (9x + 5)(x - 2) \\
9x^2 - 13x + 4 &= (9x - 4)(x - 1) \\
9x^2 - 12x - 32 &= (3x + 4)(3x - 8) \\
9x^2 - 12x - 5 &= (3x + 1)(3x - 5) \\
9x^2 - 11x - 14 &= (9x + 7)(x - 2) \\
9x^2 - 11x + 2 &= (9x - 2)(x - 1) \\
9x^2 - 10x - 16 &= (9x + 8)(x - 2) \\
9x^2 - 10x + 1 &= (9x - 1)(x - 1)
\end{aligned}$$

$$\begin{aligned}
9x^2 - 9x - 70 &= (3x + 7)(3x - 10) \\
9x^2 - 9x - 40 &= (3x + 5)(3x - 8) \\
9x^2 - 9x - 28 &= (3x + 4)(3x - 7) \\
9x^2 - 9x - 10 &= (3x + 2)(3x - 5) \\
9x^2 - 9x - 4 &= (3x + 1)(3x - 4) \\
9x^2 - 9x + 2 &= (3x - 1)(3x - 2) \\
9x^2 - 8x - 20 &= (9x + 10)(x - 2) \\
9x^2 - 8x - 1 &= (9x + 1)(x - 1) \\
9x^2 - 7x - 2 &= (9x + 2)(x - 1) \\
9x^2 - 6x - 80 &= (3x + 8)(3x - 10) \\
9x^2 - 6x - 35 &= (3x + 5)(3x - 7) \\
9x^2 - 6x - 8 &= (3x + 2)(3x - 4) \\
9x^2 - 5x - 4 &= (9x + 4)(x - 1) \\
9x^2 - 4x - 5 &= (9x + 5)(x - 1) \\
9x^2 - 3x - 56 &= (3x + 7)(3x - 8) \\
9x^2 - 3x - 20 &= (3x + 4)(3x - 5) \\
9x^2 - 3x - 2 &= (3x + 1)(3x - 2) \\
9x^2 - 2x - 7 &= (9x + 7)(x - 1) \\
9x^2 - 1x - 10 &= (9x - 10)(x + 1) \\
9x^2 - 1x - 8 &= (9x + 8)(x - 1) \\
9x^2 + 0x - 100 &= (3x + 10)(3x - 10) \\
9x^2 + 0x - 64 &= (3x + 8)(3x - 8) \\
9x^2 + 0x - 49 &= (3x + 7)(3x - 7) \\
9x^2 + 0x - 25 &= (3x + 5)(3x - 5) \\
9x^2 + 0x - 16 &= (3x + 4)(3x - 4) \\
9x^2 + 0x - 4 &= (3x + 2)(3x - 2) \\
9x^2 + 0x - 1 &= (3x + 1)(3x - 1) \\
9x^2 + 1x - 10 &= (9x + 10)(x - 1) \\
9x^2 + 1x - 8 &= (9x - 8)(x + 1) \\
9x^2 + 2x - 7 &= (9x - 7)(x + 1) \\
9x^2 + 3x - 56 &= (3x + 8)(3x - 7) \\
9x^2 + 3x - 20 &= (3x + 5)(3x - 4) \\
9x^2 + 3x - 2 &= (3x + 2)(3x - 1) \\
9x^2 + 4x - 5 &= (9x - 5)(x + 1) \\
9x^2 + 5x - 4 &= (9x - 4)(x + 1) \\
9x^2 + 6x - 80 &= (3x + 10)(3x - 8) \\
9x^2 + 6x - 35 &= (3x + 7)(3x - 5) \\
9x^2 + 6x - 8 &= (3x + 4)(3x - 2) \\
9x^2 + 7x - 2 &= (9x - 2)(x + 1) \\
9x^2 + 8x - 20 &= (9x - 10)(x + 2) \\
9x^2 + 8x - 1 &= (9x - 1)(x + 1) \\
9x^2 + 9x - 70 &= (3x + 10)(3x - 7) \\
9x^2 + 9x - 40 &= (3x + 8)(3x - 5) \\
9x^2 + 9x - 28 &= (3x + 7)(3x - 4) \\
9x^2 + 9x - 10 &= (3x + 5)(3x - 2) \\
9x^2 + 9x - 4 &= (3x + 4)(3x - 1) \\
9x^2 + 9x + 2 &= (3x + 1)(3x + 2) \\
9x^2 + 10x - 16 &= (9x - 8)(x + 2) \\
9x^2 + 10x + 1 &= (9x + 1)(x + 1) \\
9x^2 + 11x - 14 &= (9x - 7)(x + 2) \\
9x^2 + 11x + 2 &= (9x + 2)(x + 1) \\
9x^2 + 12x - 32 &= (3x + 8)(3x - 4) \\
9x^2 + 12x - 5 &= (3x + 5)(3x - 1) \\
9x^2 + 13x - 10 &= (9x - 5)(x + 2) \\
9x^2 + 13x + 4 &= (9x + 4)(x + 1)
\end{aligned}$$

$$\begin{aligned}
9x^2 + 14x - 8 &= (9x - 4)(x + 2) \\
9x^2 + 14x + 5 &= (9x + 5)(x + 1) \\
9x^2 + 15x - 50 &= (3x + 10)(3x - 5) \\
9x^2 + 15x - 14 &= (3x + 7)(3x - 2) \\
9x^2 + 15x + 4 &= (3x + 1)(3x + 4) \\
9x^2 + 16x - 4 &= (9x - 2)(x + 2) \\
9x^2 + 16x + 7 &= (9x + 7)(x + 1) \\
9x^2 + 17x - 30 &= (9x - 10)(x + 3) \\
9x^2 + 17x - 2 &= (9x - 1)(x + 2) \\
9x^2 + 17x + 8 &= (9x + 8)(x + 1) \\
9x^2 + 18x - 40 &= (3x + 10)(3x - 4) \\
9x^2 + 18x - 16 &= (3x + 8)(3x - 2) \\
9x^2 + 18x - 7 &= (3x + 7)(3x - 1) \\
9x^2 + 18x + 5 &= (3x + 1)(3x + 5) \\
9x^2 + 18x + 8 &= (3x + 2)(3x + 4) \\
9x^2 + 19x - 24 &= (9x - 8)(x + 3) \\
9x^2 + 19x + 2 &= (9x + 1)(x + 2) \\
9x^2 + 19x + 10 &= (9x + 10)(x + 1) \\
9x^2 + 20x - 21 &= (9x - 7)(x + 3) \\
9x^2 + 20x + 4 &= (9x + 2)(x + 2) \\
9x^2 + 21x - 8 &= (3x + 8)(3x - 1) \\
9x^2 + 21x + 10 &= (3x + 2)(3x + 5) \\
9x^2 + 22x - 15 &= (9x - 5)(x + 3) \\
9x^2 + 22x + 8 &= (9x + 4)(x + 2) \\
9x^2 + 23x - 12 &= (9x - 4)(x + 3) \\
9x^2 + 23x + 10 &= (9x + 5)(x + 2) \\
9x^2 + 24x - 20 &= (3x + 10)(3x - 2) \\
9x^2 + 24x + 7 &= (3x + 1)(3x + 7) \\
9x^2 + 25x - 6 &= (9x - 2)(x + 3) \\
9x^2 + 25x + 14 &= (9x + 7)(x + 2) \\
9x^2 + 26x - 40 &= (9x - 10)(x + 4) \\
9x^2 + 26x - 3 &= (9x - 1)(x + 3) \\
9x^2 + 26x + 16 &= (9x + 8)(x + 2) \\
9x^2 + 27x - 10 &= (3x + 10)(3x - 1) \\
9x^2 + 27x + 8 &= (3x + 1)(3x + 8) \\
9x^2 + 27x + 14 &= (3x + 2)(3x + 7) \\
9x^2 + 27x + 20 &= (3x + 4)(3x + 5) \\
9x^2 + 28x - 32 &= (9x - 8)(x + 4) \\
9x^2 + 28x + 3 &= (9x + 1)(x + 3) \\
9x^2 + 28x + 20 &= (9x + 10)(x + 2) \\
9x^2 + 29x - 28 &= (9x - 7)(x + 4) \\
9x^2 + 29x + 6 &= (9x + 2)(x + 3) \\
9x^2 + 30x + 16 &= (3x + 2)(3x + 8) \\
9x^2 + 31x - 20 &= (9x - 5)(x + 4) \\
9x^2 + 31x + 12 &= (9x + 4)(x + 3) \\
9x^2 + 32x - 16 &= (9x - 4)(x + 4) \\
9x^2 + 32x + 15 &= (9x + 5)(x + 3) \\
9x^2 + 33x + 10 &= (3x + 1)(3x + 10) \\
9x^2 + 33x + 28 &= (3x + 4)(3x + 7) \\
9x^2 + 34x - 8 &= (9x - 2)(x + 4) \\
9x^2 + 34x + 21 &= (9x + 7)(x + 3) \\
9x^2 + 35x - 50 &= (9x - 10)(x + 5) \\
9x^2 + 35x - 4 &= (9x - 1)(x + 4) \\
9x^2 + 35x + 24 &= (9x + 8)(x + 3) \\
9x^2 + 36x + 20 &= (3x + 10)(3x + 2)
\end{aligned}$$

$$\begin{aligned}
9x^2 + 36x + 32 &= (3x + 4)(3x + 8) \\
9x^2 + 36x + 35 &= (3x + 5)(3x + 7) \\
9x^2 + 37x - 40 &= (9x - 8)(x + 5) \\
9x^2 + 37x + 4 &= (9x + 1)(x + 4) \\
9x^2 + 37x + 30 &= (9x + 10)(x + 3) \\
9x^2 + 38x - 35 &= (9x - 7)(x + 5) \\
9x^2 + 38x + 8 &= (9x + 2)(x + 4) \\
9x^2 + 39x + 40 &= (3x + 5)(3x + 8) \\
9x^2 + 40x - 25 &= (9x - 5)(x + 5) \\
9x^2 + 40x + 16 &= (9x + 4)(x + 4) \\
9x^2 + 41x - 20 &= (9x - 4)(x + 5) \\
9x^2 + 41x + 20 &= (9x + 5)(x + 4) \\
9x^2 + 42x + 40 &= (3x + 10)(3x + 4) \\
9x^2 + 43x - 10 &= (9x - 2)(x + 5) \\
9x^2 + 43x + 28 &= (9x + 7)(x + 4) \\
9x^2 + 44x - 60 &= (9x - 10)(x + 6) \\
9x^2 + 44x - 5 &= (9x - 1)(x + 5) \\
9x^2 + 44x + 32 &= (9x + 8)(x + 4) \\
9x^2 + 45x + 50 &= (3x + 10)(3x + 5) \\
9x^2 + 45x + 56 &= (3x + 7)(3x + 8) \\
9x^2 + 46x - 48 &= (9x - 8)(x + 6) \\
9x^2 + 46x + 5 &= (9x + 1)(x + 5) \\
9x^2 + 46x + 40 &= (9x + 10)(x + 4) \\
9x^2 + 47x - 42 &= (9x - 7)(x + 6) \\
9x^2 + 47x + 10 &= (9x + 2)(x + 5) \\
9x^2 + 49x - 30 &= (9x - 5)(x + 6) \\
9x^2 + 49x + 20 &= (9x + 4)(x + 5) \\
9x^2 + 50x - 24 &= (9x - 4)(x + 6) \\
9x^2 + 50x + 25 &= (9x + 5)(x + 5) \\
9x^2 + 51x + 70 &= (3x + 10)(3x + 7) \\
9x^2 + 52x - 12 &= (9x - 2)(x + 6) \\
9x^2 + 52x + 35 &= (9x + 7)(x + 5) \\
9x^2 + 53x - 70 &= (9x - 10)(x + 7) \\
9x^2 + 53x - 6 &= (9x - 1)(x + 6) \\
9x^2 + 53x + 40 &= (9x + 8)(x + 5) \\
9x^2 + 54x + 80 &= (3x + 10)(3x + 8) \\
9x^2 + 55x - 56 &= (9x - 8)(x + 7) \\
9x^2 + 55x + 6 &= (9x + 1)(x + 6) \\
9x^2 + 55x + 50 &= (9x + 10)(x + 5) \\
9x^2 + 56x - 49 &= (9x - 7)(x + 7) \\
9x^2 + 56x + 12 &= (9x + 2)(x + 6) \\
9x^2 + 58x - 35 &= (9x - 5)(x + 7) \\
9x^2 + 58x + 24 &= (9x + 4)(x + 6) \\
9x^2 + 59x - 28 &= (9x - 4)(x + 7) \\
9x^2 + 59x + 30 &= (9x + 5)(x + 6) \\
9x^2 + 61x - 14 &= (9x - 2)(x + 7) \\
9x^2 + 61x + 42 &= (9x + 7)(x + 6) \\
9x^2 + 62x - 80 &= (9x - 10)(x + 8) \\
9x^2 + 62x - 7 &= (9x - 1)(x + 7) \\
9x^2 + 62x + 48 &= (9x + 8)(x + 6) \\
9x^2 + 64x - 64 &= (9x - 8)(x + 8) \\
9x^2 + 64x + 7 &= (9x + 1)(x + 7) \\
9x^2 + 64x + 60 &= (9x + 10)(x + 6) \\
9x^2 + 65x - 56 &= (9x - 7)(x + 8) \\
9x^2 + 65x + 14 &= (9x + 2)(x + 7)
\end{aligned}$$

$9x^2 + 67x - 40 = (9x - 5)(x + 8)$	$10x^2 - 91x + 9 = (10x - 1)(x - 9)$	$10x^2 - 41x - 18 = (2x - 9)(5x + 2)$
$9x^2 + 67x + 28 = (9x + 4)(x + 7)$	$10x^2 - 89x - 9 = (10x + 1)(x - 9)$	$10x^2 - 41x + 4 = (10x - 1)(x - 4)$
$9x^2 + 68x - 32 = (9x - 4)(x + 8)$	$10x^2 - 89x + 72 = (10x - 9)(x - 8)$	$10x^2 - 41x + 21 = (2x - 7)(5x - 3)$
$9x^2 + 68x + 35 = (9x + 5)(x + 7)$	$10x^2 - 87x - 27 = (10x + 3)(x - 9)$	$10x^2 - 41x + 40 = (2x - 5)(5x - 8)$
$9x^2 + 70x - 16 = (9x - 2)(x + 8)$	$10x^2 - 87x + 56 = (10x - 7)(x - 8)$	$10x^2 - 39x - 27 = (2x - 9)(5x + 3)$
$9x^2 + 70x + 49 = (9x + 7)(x + 7)$	$10x^2 - 83x - 63 = (10x + 7)(x - 9)$	$10x^2 - 39x - 4 = (10x + 1)(x - 4)$
$9x^2 + 71x - 90 = (9x - 10)(x + 9)$	$10x^2 - 83x + 24 = (10x - 3)(x - 8)$	$10x^2 - 39x + 14 = (2x - 7)(5x - 2)$
$9x^2 + 71x - 8 = (9x - 1)(x + 8)$	$10x^2 - 81x - 81 = (10x + 9)(x - 9)$	$10x^2 - 39x + 27 = (10x - 9)(x - 3)$
$9x^2 + 71x + 56 = (9x + 8)(x + 7)$	$10x^2 - 81x + 8 = (10x - 1)(x - 8)$	$10x^2 - 39x + 35 = (2x - 5)(5x - 7)$
$9x^2 + 73x - 72 = (9x - 8)(x + 9)$	$10x^2 - 79x - 8 = (10x + 1)(x - 8)$	$10x^2 - 37x - 36 = (2x - 9)(5x + 4)$
$9x^2 + 73x + 8 = (9x + 1)(x + 8)$	$10x^2 - 79x + 63 = (10x - 9)(x - 7)$	$10x^2 - 37x - 12 = (10x + 3)(x - 4)$
$9x^2 + 73x + 70 = (9x + 10)(x + 7)$	$10x^2 - 77x - 24 = (10x + 3)(x - 8)$	$10x^2 - 37x + 7 = (2x - 7)(5x - 1)$
$9x^2 + 74x - 63 = (9x - 7)(x + 9)$	$10x^2 - 77x + 49 = (10x - 7)(x - 7)$	$10x^2 - 37x + 21 = (10x - 7)(x - 3)$
$9x^2 + 74x + 16 = (9x + 2)(x + 8)$	$10x^2 - 73x - 56 = (10x + 7)(x - 8)$	$10x^2 - 37x + 30 = (2x - 5)(5x - 6)$
$9x^2 + 76x - 45 = (9x - 5)(x + 9)$	$10x^2 - 73x + 21 = (10x - 3)(x - 7)$	$10x^2 - 33x - 54 = (2x - 9)(5x + 6)$
$9x^2 + 76x + 32 = (9x + 4)(x + 8)$	$10x^2 - 71x - 72 = (10x + 9)(x - 8)$	$10x^2 - 33x - 28 = (10x + 7)(x - 4)$
$9x^2 + 77x - 36 = (9x - 4)(x + 9)$	$10x^2 - 71x + 7 = (10x - 1)(x - 7)$	$10x^2 - 33x - 7 = (2x - 7)(5x + 1)$
$9x^2 + 77x + 40 = (9x + 5)(x + 8)$	$10x^2 - 69x - 7 = (10x + 1)(x - 7)$	$10x^2 - 33x + 9 = (10x - 3)(x - 3)$
$9x^2 + 79x - 18 = (9x - 2)(x + 9)$	$10x^2 - 69x + 54 = (10x - 9)(x - 6)$	$10x^2 - 33x + 20 = (2x - 5)(5x - 4)$
$9x^2 + 79x + 56 = (9x + 7)(x + 8)$	$10x^2 - 67x - 21 = (10x + 3)(x - 7)$	$10x^2 - 33x + 27 = (2x - 3)(5x - 9)$
$9x^2 + 80x - 100 = (9x - 10)(x + 10)$	$10x^2 - 67x + 42 = (10x - 7)(x - 6)$	$10x^2 - 31x - 63 = (2x - 9)(5x + 7)$
$9x^2 + 80x - 9 = (9x - 1)(x + 9)$	$10x^2 - 63x - 49 = (10x + 7)(x - 7)$	$10x^2 - 31x - 36 = (10x + 9)(x - 4)$
$9x^2 + 80x + 64 = (9x + 8)(x + 8)$	$10x^2 - 63x + 18 = (10x - 3)(x - 6)$	$10x^2 - 31x - 14 = (2x - 7)(5x + 2)$
$9x^2 + 82x - 80 = (9x - 8)(x + 10)$	$10x^2 - 63x + 81 = (2x - 9)(5x - 9)$	$10x^2 - 31x + 3 = (10x - 1)(x - 3)$
$9x^2 + 82x + 9 = (9x + 1)(x + 9)$	$10x^2 - 61x - 63 = (10x + 9)(x - 7)$	$10x^2 - 31x + 15 = (2x - 5)(5x - 3)$
$9x^2 + 82x + 80 = (9x + 10)(x + 8)$	$10x^2 - 61x + 6 = (10x - 1)(x - 6)$	$10x^2 - 31x + 24 = (2x - 3)(5x - 8)$
$9x^2 + 83x - 70 = (9x - 7)(x + 10)$	$10x^2 - 61x + 72 = (2x - 9)(5x - 8)$	$10x^2 - 29x - 72 = (2x - 9)(5x + 8)$
$9x^2 + 83x + 18 = (9x + 2)(x + 9)$	$10x^2 - 59x - 6 = (10x + 1)(x - 6)$	$10x^2 - 29x - 21 = (2x - 7)(5x + 3)$
$9x^2 + 85x - 50 = (9x - 5)(x + 10)$	$10x^2 - 59x + 45 = (10x - 9)(x - 5)$	$10x^2 - 29x - 3 = (10x + 1)(x - 3)$
$9x^2 + 85x + 36 = (9x + 4)(x + 9)$	$10x^2 - 59x + 63 = (2x - 9)(5x - 7)$	$10x^2 - 29x + 10 = (2x - 5)(5x - 2)$
$9x^2 + 86x - 40 = (9x - 4)(x + 10)$	$10x^2 - 57x - 18 = (10x + 3)(x - 6)$	$10x^2 - 29x + 18 = (10x - 9)(x - 2)$
$9x^2 + 86x + 45 = (9x + 5)(x + 9)$	$10x^2 - 57x + 35 = (10x - 7)(x - 5)$	$10x^2 - 29x + 21 = (2x - 3)(5x - 7)$
$9x^2 + 88x - 20 = (9x - 2)(x + 10)$	$10x^2 - 57x + 54 = (2x - 9)(5x - 6)$	$10x^2 - 27x - 81 = (2x - 9)(5x + 9)$
$9x^2 + 88x + 63 = (9x + 7)(x + 9)$	$10x^2 - 53x - 42 = (10x + 7)(x - 6)$	$10x^2 - 27x - 28 = (2x - 7)(5x + 4)$
$9x^2 + 89x - 10 = (9x - 1)(x + 10)$	$10x^2 - 53x + 15 = (10x - 3)(x - 5)$	$10x^2 - 27x - 9 = (10x + 3)(x - 3)$
$9x^2 + 89x + 72 = (9x + 8)(x + 9)$	$10x^2 - 53x + 36 = (2x - 9)(5x - 4)$	$10x^2 - 27x + 5 = (2x - 5)(5x - 1)$
$9x^2 + 91x + 10 = (9x + 1)(x + 10)$	$10x^2 - 53x + 63 = (2x - 7)(5x - 9)$	$10x^2 - 27x + 14 = (10x - 7)(x - 2)$
$9x^2 + 91x + 90 = (9x + 10)(x + 9)$	$10x^2 - 51x - 54 = (10x + 9)(x - 6)$	$10x^2 - 27x + 18 = (2x - 3)(5x - 6)$
$9x^2 + 92x + 20 = (9x + 2)(x + 10)$	$10x^2 - 51x + 5 = (10x - 1)(x - 5)$	$10x^2 - 23x - 42 = (2x - 7)(5x + 6)$
$9x^2 + 94x + 40 = (9x + 4)(x + 10)$	$10x^2 - 51x + 27 = (2x - 9)(5x - 3)$	$10x^2 - 23x - 21 = (10x + 7)(x - 3)$
$9x^2 + 95x + 50 = (9x + 5)(x + 10)$	$10x^2 - 51x + 56 = (2x - 7)(5x - 8)$	$10x^2 - 23x - 5 = (2x - 5)(5x + 1)$
$9x^2 + 97x + 70 = (9x + 7)(x + 10)$	$10x^2 - 49x - 5 = (10x + 1)(x - 5)$	$10x^2 - 23x + 6 = (10x - 3)(x - 2)$
$9x^2 + 98x + 80 = (9x + 8)(x + 10)$	$10x^2 - 49x + 18 = (2x - 9)(5x - 2)$	$10x^2 - 23x + 9 = (2x - 1)(5x - 9)$
$9x^2 + 100x + 100 = (9x + 10)(x + 10)$	$10x^2 - 49x + 36 = (10x - 9)(x - 4)$	$10x^2 - 23x + 12 = (2x - 3)(5x - 4)$
$10x^2 - 109x + 90 = (10x - 9)(x - 10)$	$10x^2 - 49x + 49 = (2x - 7)(5x - 7)$	$10x^2 - 21x - 49 = (2x - 7)(5x + 7)$
$10x^2 - 107x + 70 = (10x - 7)(x - 10)$	$10x^2 - 47x - 15 = (10x + 3)(x - 5)$	$10x^2 - 21x - 27 = (10x + 9)(x - 3)$
$10x^2 - 103x + 30 = (10x - 3)(x - 10)$	$10x^2 - 47x + 9 = (2x - 9)(5x - 1)$	$10x^2 - 21x - 10 = (2x - 5)(5x + 2)$
$10x^2 - 101x + 10 = (10x - 1)(x - 10)$	$10x^2 - 47x + 28 = (10x - 7)(x - 4)$	$10x^2 - 21x + 2 = (10x - 1)(x - 2)$
$10x^2 - 99x - 10 = (10x + 1)(x - 10)$	$10x^2 - 47x + 42 = (2x - 7)(5x - 6)$	$10x^2 - 21x + 8 = (2x - 1)(5x - 8)$
$10x^2 - 99x + 81 = (10x - 9)(x - 9)$	$10x^2 - 43x - 35 = (10x + 7)(x - 5)$	$10x^2 - 21x + 9 = (2x - 3)(5x - 3)$
$10x^2 - 97x - 30 = (10x + 3)(x - 10)$	$10x^2 - 43x - 9 = (2x - 9)(5x + 1)$	$10x^2 - 19x - 56 = (2x - 7)(5x + 8)$
$10x^2 - 97x + 63 = (10x - 7)(x - 9)$	$10x^2 - 43x + 12 = (10x - 3)(x - 4)$	$10x^2 - 19x - 15 = (2x - 5)(5x + 3)$
$10x^2 - 93x - 70 = (10x + 7)(x - 10)$	$10x^2 - 43x + 28 = (2x - 7)(5x - 4)$	$10x^2 - 19x - 2 = (10x + 1)(x - 2)$
$10x^2 - 93x + 27 = (10x - 3)(x - 9)$	$10x^2 - 43x + 45 = (2x - 5)(5x - 9)$	$10x^2 - 19x + 6 = (2x - 3)(5x - 2)$
$10x^2 - 91x - 90 = (10x + 9)(x - 10)$	$10x^2 - 41x - 45 = (10x + 9)(x - 5)$	$10x^2 - 19x + 7 = (2x - 1)(5x - 7)$

$10x^2 - 19x + 9 = (10x - 9)(x - 1)$	$10x^2 + 9x - 9 = (2x + 3)(5x - 3)$	$10x^2 + 31x + 3 = (10x + 1)(x + 3)$
$10x^2 - 17x - 63 = (2x - 7)(5x + 9)$	$10x^2 + 9x - 7 = (2x - 1)(5x + 7)$	$10x^2 + 31x + 15 = (2x + 5)(5x + 3)$
$10x^2 - 17x - 20 = (2x - 5)(5x + 4)$	$10x^2 + 9x - 1 = (10x - 1)(x + 1)$	$10x^2 + 31x + 24 = (2x + 3)(5x + 8)$
$10x^2 - 17x - 6 = (10x + 3)(x - 2)$	$10x^2 + 9x + 2 = (2x + 1)(5x + 2)$	$10x^2 + 33x - 54 = (2x + 9)(5x - 6)$
$10x^2 - 17x + 3 = (2x - 3)(5x - 1)$	$10x^2 + 11x - 35 = (2x + 5)(5x - 7)$	$10x^2 + 33x - 28 = (10x - 7)(x + 4)$
$10x^2 - 17x + 6 = (2x - 1)(5x - 6)$	$10x^2 + 11x - 18 = (10x - 9)(x + 2)$	$10x^2 + 33x - 7 = (2x + 7)(5x - 1)$
$10x^2 - 17x + 7 = (10x - 7)(x - 1)$	$10x^2 + 11x - 8 = (2x - 1)(5x + 8)$	$10x^2 + 33x + 9 = (10x + 3)(x + 3)$
$10x^2 - 13x - 30 = (2x - 5)(5x + 6)$	$10x^2 + 11x - 6 = (2x + 3)(5x - 2)$	$10x^2 + 33x + 20 = (2x + 5)(5x + 4)$
$10x^2 - 13x - 14 = (10x + 7)(x - 2)$	$10x^2 + 11x + 1 = (10x + 1)(x + 1)$	$10x^2 + 33x + 27 = (2x + 3)(5x + 9)$
$10x^2 - 13x - 9 = (2x + 1)(5x - 9)$	$10x^2 + 11x + 3 = (2x + 1)(5x + 3)$	$10x^2 + 37x - 36 = (2x + 9)(5x - 4)$
$10x^2 - 13x - 3 = (2x - 3)(5x + 1)$	$10x^2 + 13x - 30 = (2x + 5)(5x - 6)$	$10x^2 + 37x - 12 = (10x - 3)(x + 4)$
$10x^2 - 13x + 3 = (10x - 3)(x - 1)$	$10x^2 + 13x - 14 = (10x - 7)(x + 2)$	$10x^2 + 37x + 7 = (2x + 7)(5x + 1)$
$10x^2 - 13x + 4 = (2x - 1)(5x - 4)$	$10x^2 + 13x - 9 = (2x - 1)(5x + 9)$	$10x^2 + 37x + 21 = (10x + 7)(x + 3)$
$10x^2 - 11x - 35 = (2x - 5)(5x + 7)$	$10x^2 + 13x - 3 = (2x + 3)(5x - 1)$	$10x^2 + 37x + 30 = (2x + 5)(5x + 6)$
$10x^2 - 11x - 18 = (10x + 9)(x - 2)$	$10x^2 + 13x + 3 = (10x + 3)(x + 1)$	$10x^2 + 39x - 27 = (2x + 9)(5x - 3)$
$10x^2 - 11x - 8 = (2x + 1)(5x - 8)$	$10x^2 + 13x + 4 = (2x + 1)(5x + 4)$	$10x^2 + 39x - 4 = (10x - 1)(x + 4)$
$10x^2 - 11x - 6 = (2x - 3)(5x + 2)$	$10x^2 + 17x - 63 = (2x + 7)(5x - 9)$	$10x^2 + 39x + 14 = (2x + 7)(5x + 2)$
$10x^2 - 11x + 1 = (10x - 1)(x - 1)$	$10x^2 + 17x - 20 = (2x + 5)(5x - 4)$	$10x^2 + 39x + 27 = (10x + 9)(x + 3)$
$10x^2 - 11x + 3 = (2x - 1)(5x - 3)$	$10x^2 + 17x - 6 = (10x - 3)(x + 2)$	$10x^2 + 39x + 35 = (2x + 5)(5x + 7)$
$10x^2 - 9x - 40 = (2x - 5)(5x + 8)$	$10x^2 + 17x + 3 = (2x + 3)(5x + 1)$	$10x^2 + 41x - 45 = (10x - 9)(x + 5)$
$10x^2 - 9x - 9 = (2x - 3)(5x + 3)$	$10x^2 + 17x + 6 = (2x + 1)(5x + 6)$	$10x^2 + 41x - 18 = (2x + 9)(5x - 2)$
$10x^2 - 9x - 7 = (2x + 1)(5x - 7)$	$10x^2 + 17x + 7 = (10x + 7)(x + 1)$	$10x^2 + 41x + 4 = (10x + 1)(x + 4)$
$10x^2 - 9x - 1 = (10x + 1)(x - 1)$	$10x^2 + 19x - 56 = (2x + 7)(5x - 8)$	$10x^2 + 41x + 21 = (2x + 7)(5x + 3)$
$10x^2 - 9x + 2 = (2x - 1)(5x - 2)$	$10x^2 + 19x - 15 = (2x + 5)(5x - 3)$	$10x^2 + 41x + 40 = (2x + 5)(5x + 8)$
$10x^2 - 7x - 45 = (2x - 5)(5x + 9)$	$10x^2 + 19x - 2 = (10x - 1)(x + 2)$	$10x^2 + 43x - 35 = (10x - 7)(x + 5)$
$10x^2 - 7x - 12 = (2x - 3)(5x + 4)$	$10x^2 + 19x + 6 = (2x + 3)(5x + 2)$	$10x^2 + 43x - 9 = (2x + 9)(5x - 1)$
$10x^2 - 7x - 6 = (2x + 1)(5x - 6)$	$10x^2 + 19x + 7 = (2x + 1)(5x + 7)$	$10x^2 + 43x + 12 = (10x + 3)(x + 4)$
$10x^2 - 7x - 3 = (10x + 3)(x - 1)$	$10x^2 + 19x + 9 = (10x + 9)(x + 1)$	$10x^2 + 43x + 28 = (2x + 7)(5x + 4)$
$10x^2 - 7x + 1 = (2x - 1)(5x - 1)$	$10x^2 + 21x - 49 = (2x + 7)(5x - 7)$	$10x^2 + 43x + 45 = (2x + 5)(5x + 9)$
$10x^2 - 3x - 27 = (2x + 3)(5x - 9)$	$10x^2 + 21x - 27 = (10x - 9)(x + 3)$	$10x^2 + 47x - 15 = (10x - 3)(x + 5)$
$10x^2 - 3x - 18 = (2x - 3)(5x + 6)$	$10x^2 + 21x - 10 = (2x + 5)(5x - 2)$	$10x^2 + 47x + 9 = (2x + 9)(5x + 1)$
$10x^2 - 3x - 7 = (10x + 7)(x - 1)$	$10x^2 + 21x + 2 = (10x + 1)(x + 2)$	$10x^2 + 47x + 28 = (10x + 7)(x + 4)$
$10x^2 - 3x - 4 = (2x + 1)(5x - 4)$	$10x^2 + 21x + 8 = (2x + 1)(5x + 8)$	$10x^2 + 47x + 42 = (2x + 7)(5x + 6)$
$10x^2 - 3x - 1 = (2x - 1)(5x + 1)$	$10x^2 + 21x + 9 = (2x + 3)(5x + 3)$	$10x^2 + 49x - 5 = (10x - 1)(x + 5)$
$10x^2 - 1x - 24 = (2x + 3)(5x - 8)$	$10x^2 + 23x - 42 = (2x + 7)(5x - 6)$	$10x^2 + 49x + 18 = (2x + 9)(5x + 2)$
$10x^2 - 1x - 21 = (2x - 3)(5x + 7)$	$10x^2 + 23x - 21 = (10x - 7)(x + 3)$	$10x^2 + 49x + 36 = (10x + 9)(x + 4)$
$10x^2 - 1x - 9 = (10x + 9)(x - 1)$	$10x^2 + 23x - 5 = (2x + 5)(5x - 1)$	$10x^2 + 49x + 49 = (2x + 7)(5x + 7)$
$10x^2 - 1x - 3 = (2x + 1)(5x - 3)$	$10x^2 + 23x + 6 = (10x + 3)(x + 2)$	$10x^2 + 51x - 54 = (10x - 9)(x + 6)$
$10x^2 - 1x - 2 = (2x - 1)(5x + 2)$	$10x^2 + 23x + 9 = (2x + 1)(5x + 9)$	$10x^2 + 51x + 5 = (10x + 1)(x + 5)$
$10x^2 + 1x - 24 = (2x - 3)(5x + 8)$	$10x^2 + 23x + 12 = (2x + 3)(5x + 4)$	$10x^2 + 51x + 27 = (2x + 9)(5x + 3)$
$10x^2 + 1x - 21 = (2x + 3)(5x - 7)$	$10x^2 + 27x - 81 = (2x + 9)(5x - 9)$	$10x^2 + 51x + 56 = (2x + 7)(5x + 8)$
$10x^2 + 1x - 9 = (10x - 9)(x + 1)$	$10x^2 + 27x - 28 = (2x + 7)(5x - 4)$	$10x^2 + 53x - 42 = (10x - 7)(x + 6)$
$10x^2 + 1x - 3 = (2x - 1)(5x + 3)$	$10x^2 + 27x - 9 = (10x - 3)(x + 3)$	$10x^2 + 53x + 15 = (10x + 3)(x + 5)$
$10x^2 + 1x - 2 = (2x + 1)(5x - 2)$	$10x^2 + 27x + 5 = (2x + 5)(5x + 1)$	$10x^2 + 53x + 36 = (2x + 9)(5x + 4)$
$10x^2 + 3x - 27 = (2x - 3)(5x + 9)$	$10x^2 + 27x + 14 = (10x + 7)(x + 2)$	$10x^2 + 53x + 63 = (2x + 7)(5x + 9)$
$10x^2 + 3x - 18 = (2x + 3)(5x - 6)$	$10x^2 + 27x + 18 = (2x + 3)(5x + 6)$	$10x^2 + 57x - 18 = (10x - 3)(x + 6)$
$10x^2 + 3x - 7 = (10x - 7)(x + 1)$	$10x^2 + 29x - 72 = (2x + 9)(5x - 8)$	$10x^2 + 57x + 35 = (10x + 7)(x + 5)$
$10x^2 + 3x - 4 = (2x - 1)(5x + 4)$	$10x^2 + 29x - 21 = (2x + 7)(5x - 3)$	$10x^2 + 57x + 54 = (2x + 9)(5x + 6)$
$10x^2 + 3x - 1 = (2x + 1)(5x - 1)$	$10x^2 + 29x - 3 = (10x - 1)(x + 3)$	$10x^2 + 59x - 6 = (10x - 1)(x + 6)$
$10x^2 + 7x - 45 = (2x + 5)(5x - 9)$	$10x^2 + 29x + 10 = (2x + 5)(5x + 2)$	$10x^2 + 59x + 45 = (10x + 9)(x + 5)$
$10x^2 + 7x - 12 = (2x + 3)(5x - 4)$	$10x^2 + 29x + 18 = (10x + 9)(x + 2)$	$10x^2 + 59x + 63 = (2x + 9)(5x + 7)$
$10x^2 + 7x - 6 = (2x - 1)(5x + 6)$	$10x^2 + 29x + 21 = (2x + 3)(5x + 7)$	$10x^2 + 61x - 63 = (10x - 9)(x + 7)$
$10x^2 + 7x - 3 = (10x - 3)(x + 1)$	$10x^2 + 31x - 63 = (2x + 9)(5x - 7)$	$10x^2 + 61x + 6 = (10x + 1)(x + 6)$
$10x^2 + 7x + 1 = (2x + 1)(5x + 1)$	$10x^2 + 31x - 36 = (10x - 9)(x + 4)$	$10x^2 + 61x + 72 = (2x + 9)(5x + 8)$
$10x^2 + 9x - 40 = (2x + 5)(5x - 8)$	$10x^2 + 31x - 14 = (2x + 7)(5x - 2)$	$10x^2 + 63x - 49 = (10x - 7)(x + 7)$

$$\begin{aligned}
10x^2 + 63x + 18 &= (10x + 3)(x + 6) \\
10x^2 + 63x + 81 &= (2x + 9)(5x + 9) \\
10x^2 + 67x - 21 &= (10x - 3)(x + 7) \\
10x^2 + 67x + 42 &= (10x + 7)(x + 6) \\
10x^2 + 69x - 7 &= (10x - 1)(x + 7) \\
10x^2 + 69x + 54 &= (10x + 9)(x + 6) \\
10x^2 + 71x - 72 &= (10x - 9)(x + 8) \\
10x^2 + 71x + 7 &= (10x + 1)(x + 7) \\
10x^2 + 73x - 56 &= (10x - 7)(x + 8) \\
10x^2 + 73x + 21 &= (10x + 3)(x + 7) \\
10x^2 + 77x - 24 &= (10x - 3)(x + 8) \\
10x^2 + 77x + 49 &= (10x + 7)(x + 7)
\end{aligned}$$

$$\begin{aligned}
10x^2 + 79x - 8 &= (10x - 1)(x + 8) \\
10x^2 + 79x + 63 &= (10x + 9)(x + 7) \\
10x^2 + 81x - 81 &= (10x - 9)(x + 9) \\
10x^2 + 81x + 8 &= (10x + 1)(x + 8) \\
10x^2 + 83x - 63 &= (10x - 7)(x + 9) \\
10x^2 + 83x + 24 &= (10x + 3)(x + 8) \\
10x^2 + 87x - 27 &= (10x - 3)(x + 9) \\
10x^2 + 87x + 56 &= (10x + 7)(x + 8) \\
10x^2 + 89x - 9 &= (10x - 1)(x + 9) \\
10x^2 + 89x + 72 &= (10x + 9)(x + 8) \\
10x^2 + 91x - 90 &= (10x - 9)(x + 10) \\
10x^2 + 91x + 9 &= (10x + 1)(x + 9)
\end{aligned}$$

$$\begin{aligned}
10x^2 + 93x - 70 &= (10x - 7)(x + 10) \\
10x^2 + 93x + 27 &= (10x + 3)(x + 9) \\
10x^2 + 97x - 30 &= (10x - 3)(x + 10) \\
10x^2 + 97x + 63 &= (10x + 7)(x + 9) \\
10x^2 + 99x - 10 &= (10x - 1)(x + 10) \\
10x^2 + 99x + 81 &= (10x + 9)(x + 9) \\
10x^2 + 101x + 10 &= (10x + 1)(x + 10) \\
10x^2 + 103x + 30 &= (10x + 3)(x + 10) \\
10x^2 + 107x + 70 &= (10x + 7)(x + 10) \\
10x^2 + 109x + 90 &= (10x + 9)(x + 10)
\end{aligned}$$