

Partner 1 (RED): _____

Partner 2 (BLUE): _____

Period: _____

Date: _____

Algebra Connect-Four – Factoring with a Leading Coefficient of One (A)

	1	2	3	4	5	6
1	$x^2 + 2x - 63$	$x^2 - 21x + 108$	$x^2 - 11x + 24$	$x^2 + 5x - 36$	$x^2 - 13x + 30$	$x^2 + x - 12$
2	$x^2 - 10x$	$x^2 - 2x - 80$	$x^2 + 19x + 84$	$x^2 - 13x + 36$	$x^2 + 16x + 55$	$x^2 - x - 2$
3	$x^2 + 13x + 42$	$x^2 - 12x + 35$	$x^2 - 15x + 44$	$x^2 - 7x + 6$	$x^2 - 9x + 18$	$x^2 + 5x$
4	$x^2 + 3x - 54$	$x^2 - 9$	$x^2 + x - 2$	$x^2 - 11x + 24$	$x^2 + 10x + 25$	$x^2 + 7x - 60$
5	$x^2 - 10x - 11$	$x^2 + 2x - 3$	$x^2 + 3x - 40$	$x^2 - 10x + 24$	$x^2 - 6x + 8$	$x^2 - 4x - 12$
6	$x^2 - 7x + 10$	$x^2 - 1$	$x^2 - 15x + 36$	$x^2 - 16x + 63$	$x^2 - 3x - 10$	$x^2 + 4x - 77$

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Algebra Connect-Four – Factoring with a Leading Coefficient of One (B)

	1	2	3	4	5	6
1	$x^2 - 19x + 84$	$x^2 + 16x - 57$	$x^2 + 22x + 72$	$x^2 - 4x - 45$	$x^2 - 13x - 90$	$x^2 - 33x + 62$
2	$x^2 - 4x$	$x^2 - 14x + 49$	$x^2 + 18x + 77$	$x^2 - 64$	$x^2 + 11x - 102$	$x^2 - 27x - 58$
3	$x^2 - 10x + 25$	$x^2 + 35x + 96$	$x^2 - 15x + 54$	$x^2 - 12x + 32$	$x^2 - 8x + 16$	$x^2 + 10x - 39$
4	$x^2 + 5x - 66$	$x^2 - 36$	$x^2 + 16x + 48$	$x^2 - 4x + 4$	$x^2 - 19x - 42$	$x^2 + 7x - 60$
5	$x^2 + 15x + 56$	$x^2 - 45x + 86$	$x^2 + 17x - 110$	$x^2 - 9x + 14$	$x^2 + 19x - 92$	$x^2 - 25x + 114$
6	$x^2 + 22x + 85$	$x^2 + 8x - 65$	$x^2 - 21x - 100$	$x^2 + 15x - 76$	$x^2 + 23x + 130$	$x^2 + 12x + 27$

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Algebra Connect-Four – Factoring with a Leading Coefficient of One (c)

	1	2	3	4	5	6
1	$x^2 - 18x + 81$	$x^2 - 24x + 95$	$x^2 + 13x - 68$	$x^2 + 39x + 74$	$x^2 + 28x + 75$	$x^2 + 20x - 96$
2	$x^2 - 9x$	$x^2 - 22x + 121$	$x^2 - 19x - 120$	$x^2 + 24x + 128$	$x^2 + 15x - 76$	$x^2 - 12x + 32$
3	$x^2 + 9x - 70$	$x^2 - 9x - 52$	$x^2 + 6x - 112$	$x^2 + 24x + 119$	$x^2 + 2x - 15$	$x^2 + 6x$
4	$x^2 + 11x + 28$	$x^2 - 9x + 20$	$x^2 - 8x - 33$	$x^2 - 12x + 36$	$x^2 + 21x + 68$	$x^2 - 98x + 97$
5	$x^2 + 18x - 115$	$x^2 - 7x - 120$	$x^2 + 19x + 78$	$x^2 - 23x + 76$	$x^2 + 45x - 94$	$x^2 - 4x - 21$
6	$x^2 + 22x + 105$	$x^2 - 18x - 88$	$x^2 + 24x - 52$	$x^2 + 18x - 63$	$x^2 - 11x - 26$	$x^2 + 25x + 46$