

Factoring Think-Tac-Toe

Your goal is to successfully complete 5 boxes in any row, column or diagonal using factoring (you will have to do this twice). When you have completed your first row, column, or diagonal, bring your sheet to the checker for verification. If the box contains an expression, factor it (do NOT solve). If the box contains an equation, solve for x by factoring.

$3x^2 - 15x + 18 = 0$	$x^2 + 9x + 20 = 0$	$x^2 - x - 56$	$9x^2 - 30x + 25$	$4x^2 + 9x + 5 = 0$
$5x^2 + 31x + 6 = 0$	$x^2 + 16x + 28$	$36x^2 - 1$	$2x^2 - 14x + 24 = 0$	$x^2 + 18x + 45 = 0$
$49x^2 + 28x + 4$	$3x^2 - 10x + 8 = 0$	$x^2 + 4x - 45 = 0$	$x^2 - 6x - 27$	$3x^2 - 30x - 72 = 0$
$x^2 + 15x + 36 = 0$	$81x^2 - 121$	$2x^2 - 14x - 16 = 0$	$5x^2 + 7x - 6 = 0$	$x^2 - 14x - 32$
$x^2 + 6x - 72$	$2x^2 + 12x - 54 = 0$	$2x^2 + 9x + 10 = 0$	$x^2 + 12x + 11 = 0$	$64x^2 - 48x + 9$