

Factoring Polynomials Puzzle

Print the puzzle on cardstock or have it laminated. Cut out the squares then shuffle the pieces. The goal is to have the students match the polynomials with their factored form, or products, within the 3×3 square below.

$x^2 + 5x + 6$ $(x+2)(x+3)$	$x^2 - 2x + 1$ $(x-1)^2$	$(x+2)(x+3)$ $(x+1)(x+2)$
$x^2 + 5x + 6$ $(x+2)(x+3)$	$x^2 - x - 20$ $(x-5)(x+4)$	$x^2 + 2x + 1$ $(x+1)^2$
$x^2 + 5x + 6$ $(x+2)(x+3)$	$x^2 + 14x + 49$ $(x+7)^2$	$x^2 - 5x + 6$ $(x-2)(x-3)$
$x^2 + 5x + 6$ $(x+2)(x+3)$	$x^2 + 2x + 1$ $(x+1)^2$	$x^2 + 2x - 30$ $(x+6)(x-5)$