

Polynomial Puzzler: Adding and Subtracting

Directions: Solve the following puzzles by using addition and subtraction.

$3x$	$2x^2$	$2x^2 + 3x$
x^2	$5x$	$x^2 + 5x$
$x^2 + 3x$	$2x^2 + 5x$	$3x^2 + 8x$

$-4x + 5$	$6x - 4$	$2x + 1$
5	$-2x$	$-2x + 5$
$-4x + 10$	$4x - 4$	6

$-x^2$	6	$-x^2 + 6$
$x^2 + 4$	$2x$	$x^2 + 2x + 4$
4	$2x + 6$	$2x + 10$

$x^2 + 8x - 5$	$-5x + 5$	$x^2 + 3x$
$-x^2 - 8x + 2$	$2x^2$	$x^2 - 8x + 2$
-3	$2x^2 - 5x + 5$	$2x^2 - 5x + 2$

$x^2 - 4x - 4$	$5x - 6$	$x^2 + x - 10$
$6x + 1$	$x^2 - x + 5$	$x^2 + 5x + 6$
$x^2 + 2x - 3$	$x^2 + 4x - 1$	$2x^2 + 6x - 4$

$3x^2 + 3x - 15$	4	$3x^2 + 3x - 11$
$7 - x^2$	$5x^2 - 2x - 1$	$4x^2 - 2x + 6$
$2x^2 + 3x - 8$	$5x^2 - 2x + 3$	$7x^2 + x - 5$