

Multiplying Polynomials

Name _____

Date _____ Period _____

Monomial and Polynomial

Binomial and Polynomial

Trinomial and Trinomial

$$2x^2(x^2 + 4x + 2)$$

$$(x + 4)(3x - 7)$$

$$(x^2 - 2x + 2)(x^2 + 4x + 2)$$

$$-4x^3(2x^3 - 2x^2 + 3x + 2)$$

$$(x^2 - 4)(x^2 + 4x + 2)$$

Multiplying Monomial and Polynomial

$$2x^2(3x - 7)$$

$$3x(x^2 + 4x + 2)$$

$$-2x^2(2x^3 - 5x - 1)$$

Multiplying Binomial and Polynomial

$$(x + 4)(3x - 7)$$

$$(x^2 - 3)(5x - 9)$$

Multiplying Binomial and Polynomial

$$(x + 5)(x^2 + 4x + 2)$$

	x	$+5$
x^2		
$+4x$		
$+2$		

$$(2x^2 - 1)(x^2 - 3x - 6)$$

	$2x^2$	-1
x^2		
$-3x$		
-6		

Multiplying Trinomial and Trinomial

$$(x^2 + 3x + 2)(x^2 - 5x + 4)$$

	x^2	$+3x$	$+2$
x^2			
$-5x$			
$+4$			

$$(x + 4)(x - 3)(x + 2)$$