



Multiplying Polynomials

Name: _____

Date: _____ Score: _____

$$(8x + 3)(7x + 9)$$

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

$$(x + 2)(2x + 1)$$

$$(6x^2 + 3x + 3)(2x - 4)$$

$$(4x + 9)(5x - 4)$$

$$(2x^2 + 9)(5x + 8)$$

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

$$(7x - 3)(2x^2 - 9x - 9)$$

$$(1 + 4x^2)(4x + 5)$$

$$(9 - 6x)(2x - 4)$$



Multiplicating Polynomials

Name: _____

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$$(8x + 3)(7x + 9)$$
$$56x^2 + 93x + 27$$

$$(2 + 3x^2)(6x - 2)$$
$$18x^3 - 6x^2 + 12x - 4$$

$$(x + 2)(2x + 1)$$
$$2x^2 + 5x + 2$$

$$(6x^2 + 3x + 3)(2x - 4)$$
$$12x^3 - 18x^2 - 6x - 12$$

$$(4x + 9)(5x - 4)$$
$$20x^2 + 29x - 36$$

$$(2x^2 + 9)(5x + 8)$$
$$10x^3 + 16x^2 + 45x + 72$$

$$(5 - 3x^2)(x - 9)$$
$$-3x^3 + 27x^2 + 5x - 45$$

$$(7x - 3)(2x^2 - 9x - 9)$$
$$14x^3 - 69x^2 - 36x + 27$$

$$(1 + 4x^2)(4x + 5)$$
$$16x^3 + 20x^2 + 4x + 5$$

$$(9 - 6x)(2x - 4)$$
$$-12x^2 + 42x - 36$$