



Multiplicating Polynomials

Name: _____

Date: _____ Score: _____

$$(x^2 + 9x + 9)(2x + 7)$$

$$(8x^2 + 3)(5x + 7)$$

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

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

$$(3x + 8)(4x^2 - 9x - 9)$$

$$(5x + 1)(8x^2 - 5x - 5)$$

$$(5 - 4x)(9x - 2)$$

$$(9x + 5)(6x^2 + 9x + 9)$$

$$(5x^2 + 6x + 6)(3x + 4)$$

$$(5x^2 + 9x + 9)(6x + 9)$$



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$$(x^2 + 9x + 9)(2x + 7)$$
$$2x^3 + 25x^2 + 81x + 63$$

$$(8x^2 + 3)(5x + 7)$$
$$40x^3 + 56x^2 + 15x + 21$$

$$(9x^2 - 3)(2x - 5)$$
$$18x^3 - 45x^2 - 6x + 15$$

$$(5 + 4x)(2x - 2)$$
$$8x^2 + 2x - 10$$

$$(3x + 8)(4x^2 - 9x - 9)$$
$$12x^3 + 5x^2 - 99x - 72$$

$$(5x + 1)(8x^2 - 5x - 5)$$
$$40x^3 - 17x^2 - 30x - 5$$

$$(5 - 4x)(9x - 2)$$
$$-36x^2 + 53x - 10$$

$$(9x + 5)(6x^2 + 9x + 9)$$
$$54x^3 + 111x^2 + 126x + 45$$

$$(5x^2 + 6x + 6)(3x + 4)$$
$$15x^3 + 38x^2 + 42x + 24$$

$$(5x^2 + 9x + 9)(6x + 9)$$
$$30x^3 + 99x^2 + 135x + 81$$