



Multiplying Polynomials

Name: _____

Date: _____ Score: _____

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

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

$$(8 + 5x^2)(3x - 6)$$

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

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

$$(7 + 3x^2)(4x - 5)$$

$$(3x^2 + x + 1)(3x + 9)$$

$$(6x - 1)(4x^2 - 8x - 8)$$

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

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



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$$(x^2 + 5)(2x - 8)$$
$$2x^3 - 8x^2 + 10x - 40$$

$$(9 + x^2)(2x + 9)$$
$$2x^3 + 9x^2 + 18x + 81$$

$$(8 + 5x^2)(3x - 6)$$
$$15x^3 - 30x^2 + 24x - 48$$

$$(9x^2 - 2)(9x + 4)$$
$$81x^3 + 36x^2 - 18x - 8$$

$$(5x^2 + 8x + 8)(7x - 7)$$
$$35x^3 + 21x^2 - 56$$

$$(7 + 3x^2)(4x - 5)$$
$$12x^3 - 15x^2 + 28x - 35$$

$$(3x^2 + x + 1)(3x + 9)$$
$$9x^3 + 30x^2 + 12x + 9$$

$$(6x - 1)(4x^2 - 8x - 8)$$
$$24x^3 - 52x^2 - 40x + 8$$

$$(3x - 1)(2x - 5)$$
$$6x^2 - 17x + 5$$

$$(5 - x^2)(6x + 6)$$
$$-6x^3 - 6x^2 + 30x + 30$$