



Multiplicating Polynomials

Name: _____

Date: _____ Score: _____

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

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

$$(4 + x)(6x - 6)$$

$$(2x^2 - 8x - 8)(3x - 2)$$

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

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

$$(1 + 5x^2)(5x + 6)$$

$$(2x - 8)(6x - 3)$$

$$(8x^2 + x + 1)(3x + 9)$$

$$(7 - x)(7x + 2)$$



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$$(3x^2 - 5)(3x + 8)$$
$$9x^3 + 24x^2 - 15x - 40$$

$$(9x^2 + 2x + 2)(5x - 3)$$
$$45x^3 - 17x^2 + 4x - 6$$

$$(4 + x)(6x - 6)$$
$$6x^2 + 18x - 24$$

$$(2x^2 - 8x - 8)(3x - 2)$$
$$6x^3 - 28x^2 - 8x + 16$$

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

$$(3x^2 + x + 1)(3x - 5)$$
$$9x^3 - 12x^2 - 2x - 5$$

$$(1 + 5x^2)(5x + 6)$$
$$25x^3 + 30x^2 + 5x + 6$$

$$(2x - 8)(6x - 3)$$
$$12x^2 - 54x + 24$$

$$(8x^2 + x + 1)(3x + 9)$$
$$24x^3 + 75x^2 + 12x + 9$$

$$(7 - x)(7x + 2)$$
$$-7x^2 + 47x + 14$$