



## Multiplicating Polynomials

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

$$(1 - 3x)(9x + 9)$$

$$(3x - 1)(7x - 7)$$

$$(7x - 1)(x^2 - 7x - 7)$$

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

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

$$(5x + 1)(3x^2 - 4x - 4)$$

$$(8x + 5)(6x - 8)$$

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

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

$$(3x^2 - 6x - 6)(9x + 3)$$



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$$(1 - 3x)(9x + 9)$$
$$-27x^2 - 18x + 9$$

$$(3x - 1)(7x - 7)$$
$$21x^2 - 28x + 7$$

$$(7x - 1)(x^2 - 7x - 7)$$
$$7x^3 - 50x^2 - 42x + 7$$

$$(9x - 6)(x + 2)$$
$$9x^2 + 12x - 12$$

$$(8x - 5)(2x^2 - 4x - 4)$$
$$16x^3 - 42x^2 - 12x + 20$$

$$(5x + 1)(3x^2 - 4x - 4)$$
$$15x^3 - 17x^2 - 24x - 4$$

$$(8x + 5)(6x - 8)$$
$$48x^2 - 34x - 40$$

$$(4x^2 - 2x - 2)(8x - 4)$$
$$32x^3 - 32x^2 - 8x + 8$$

$$(5x - 6)(9x^2 - 5x - 5)$$
$$45x^3 - 79x^2 + 5x + 30$$

$$(3x^2 - 6x - 6)(9x + 3)$$
$$27x^3 - 45x^2 - 72x - 18$$