



## Multiplying Polynomials

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

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

$$(4x + 9)(3x - 3)$$

$$(4 - 9x^2)(x + 1)$$

$$(6 + 7x^2)(7x + 5)$$

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

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

$$(2x - 4)(7x - 7)$$

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

$$(5x^2 + 4x + 4)(6x + 1)$$

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

$$(3x + 8)(3x - 4)$$



## Multiplying Polynomials

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$$(4x + 9)(3x - 3)$$
$$12x^2 + 15x - 27$$

$$(4 - 9x^2)(x + 1)$$
$$-9x^3 - 9x^2 + 4x + 4$$

$$(6 + 7x^2)(7x + 5)$$
$$49x^3 + 35x^2 + 42x + 30$$

$$(2 + x^2)(2x - 5)$$
$$2x^3 - 5x^2 + 4x - 10$$

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

$$(2x - 4)(7x - 7)$$
$$14x^2 - 42x + 28$$

$$(1 - 2x)(8x + 5)$$
$$-16x^2 - 2x + 5$$

$$(5x^2 + 4x + 4)(6x + 1)$$
$$30x^3 + 29x^2 + 28x + 4$$

$$(2x^2 + 6)(9x + 5)$$
$$18x^3 + 10x^2 + 54x + 30$$

$$(3x + 8)(3x - 4)$$
$$9x^2 + 12x - 32$$