



## Multiplying Polynomials

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

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

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

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

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

$$(4 + 8x^2)(7x + 1)$$

$$(x - 9)(7x^2 - 4x - 4)$$

$$(7x^2 - 8)(5x + 1)$$

$$(6x^2 + 7)(2x + 1)$$

$$(2x + 4)(7x^2 + x + 1)$$

$$(8x - 2)(7x - 4)$$

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



## Multiplicating Polynomials

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

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

$$(5x - 3)(9x^2 - 3x - 3)$$
$$45x^3 - 42x^2 - 6x + 9$$

$$(x - 7)(x + 7)$$
$$x^2 - 49$$

$$(6x + 3)(3x^2 - 6x - 6)$$
$$18x^3 - 27x^2 - 54x - 18$$

$$(4 + 8x^2)(7x + 1)$$
$$56x^3 + 8x^2 + 28x + 4$$

$$(x - 9)(7x^2 - 4x - 4)$$
$$7x^3 - 67x^2 + 32x + 36$$

$$(7x^2 - 8)(5x + 1)$$
$$35x^3 + 7x^2 - 40x - 8$$

$$(6x^2 + 7)(2x + 1)$$
$$12x^3 + 6x^2 + 14x + 7$$

$$(2x + 4)(7x^2 + x + 1)$$
$$14x^3 + 30x^2 + 6x + 4$$

$$(8x - 2)(7x - 4)$$
$$56x^2 - 46x + 8$$

$$(4x^2 - 9x - 9)(9x + 5)$$
$$36x^3 - 61x^2 - 126x - 45$$