



## Multiplicating Polynomials

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

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

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

$$(5 - 8x)(7x - 4)$$

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

$$(9 + 6x)(4x + 8)$$

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

$$(9x + 5)(2x^2 + 8x + 8)$$

$$(1 - x)(6x + 7)$$

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

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

$$(2 - 5x)(7x - 2)$$



## Multiplying Polynomials

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

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

$$(4 + 2x^2)(9x - 1)$$
$$18x^3 - 2x^2 + 36x - 4$$

$$(5 - 8x)(7x - 4)$$
$$-56x^2 + 67x - 20$$

$$(2 + 5x^2)(5x - 9)$$
$$25x^3 - 45x^2 + 10x - 18$$

$$(9 + 6x)(4x + 8)$$
$$24x^2 + 84x + 72$$

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

$$(9x + 5)(2x^2 + 8x + 8)$$
$$18x^3 + 82x^2 + 112x + 40$$

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

$$(5x + 8)(2x - 8)$$
$$10x^2 - 24x - 64$$

$$(8x + 2)(9x^2 - x - 1)$$
$$72x^3 + 10x^2 - 10x - 2$$

$$(2 - 5x)(7x - 2)$$
$$-35x^2 + 24x - 4$$