



## Multiplying Polynomials

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

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

$$(6x^2 + 8)(8x - 4)$$

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

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

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

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

$$(9 - 7x)(5x - 7)$$

$$(6 - 9x)(5x + 9)$$

$$(9 + 7x^2)(8x + 3)$$

$$(7x^2 - 2x - 2)(6x - 9)$$

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



## Multiplicating Polynomials

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

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

$$(6x^2 + 8)(8x - 4)$$
$$48x^3 - 24x^2 + 64x - 32$$

$$(9x^2 + 7x + 7)(x - 4)$$
$$9x^3 - 29x^2 - 21x - 28$$

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

$$(3x + 7)(7x^2 - 7x - 7)$$
$$21x^3 + 28x^2 - 70x - 49$$

$$(x + 2)(5x^2 + 6x + 6)$$
$$5x^3 + 16x^2 + 18x + 12$$

$$(9 - 7x)(5x - 7)$$
$$-35x^2 + 94x - 63$$

$$(6 - 9x)(5x + 9)$$
$$-45x^2 - 51x + 54$$

$$(9 + 7x^2)(8x + 3)$$
$$56x^3 + 21x^2 + 72x + 27$$

$$(7x^2 - 2x - 2)(6x - 9)$$
$$42x^3 - 75x^2 + 6x + 18$$

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