



## Polynomial Expansion

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

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

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

$$(3x + 5)(2x^2 + 5x + 6) - (6x - 4)(6x - 3)$$

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

$$2x + (3 + 4x)(6x + 6)(3x + 1)$$

$$3x + (1 + 5x)(6x + 6)(5x - 1)$$

$$(2x - 6)(2x + 1)(2x + 4)$$

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

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

$$(3x^2 - 2x + 4)(3x - 5) - 4 \times 6x - 2$$

$$3x - (2 + 2x)(5x + 5)(5x - 5)$$