



## Polynomial Expansion

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

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

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

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

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

$$(3x^2 + 3x - 5)(3x + 4) + 2 \times 2x + 1$$

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

$$6x + (4 - 3x)(x - 1)(5x - 5)$$

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

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

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

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