



## Polynomial Expansion

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

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

$$(6x + 3)(6x^2 - 6x + 5) + (2x - 4)(3x + 1)$$

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

$$(3x^2 + 4x - 4)(6x + 3) + 1 \times 6x - 4$$

$$(2x^2 + 6x - 1)(x + 2) + 5x + 5$$

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

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

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

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

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

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