



## Polynomial Expansion

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

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

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

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

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

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

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

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

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

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

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

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