



## Polynomial Expansion

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

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

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

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

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

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

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

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

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

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

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

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