



## Polynomial Expansion

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

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

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

$$3x - (1 - 3x)(2x - 4)(4x - 2)$$

$$(3x - 4)(3x - 3)(x - 4)$$

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

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

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

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

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

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

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