



## Polynomial Expansion

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

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

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

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

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

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

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

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

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

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

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

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