



## Polynomial Expansion

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

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

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

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

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

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

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

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

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

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

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

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