



## Polynomial Expansion

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

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

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

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

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

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

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

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

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

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

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

$$4x - (4 - 5x)(4x - 5)(5x - 5)$$