



## Polynomial Expansion

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

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

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

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

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

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

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

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

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

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

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

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