



Polynomial Expansion

Name: _____

Date: _____ Score: _____

$$(3x + 5)(3x + 1)(5x + 5)$$

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

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

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

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

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

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

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

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

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