



Polynomial Expansion

Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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