



Polynomial Expansion

Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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