



Polynomial Expansion

Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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