



Expansion polynomiale

Nom: _____

Date: _____ Note: _____

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

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

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

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

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

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

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

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

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

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



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$$5x - (1 + 6x)(5x - 3)(x - 6)$$
$$-30x^3 + 193x^2 - 70x - 18$$

$$(6x^2 - 6)(2x - 5) - 3x^2 - 4x + 1$$
$$12x^3 - 33x^2 - 16x + 31$$

$$(4x^2 + 6x - 5)(x + 4) + 5 \times 2x + 2$$
$$4x^3 + 22x^2 + 29x - 18$$

$$(4x - 6)(2x^2 - x + 6) + (3x + 1)(3x - 4)$$
$$8x^3 - 7x^2 + 21x - 40$$

$$(3x + 6)(3x^2 + x - 5) + (3x + 4)(5x + 1)$$
$$9x^3 + 36x^2 + 14x - 26$$

$$(2x + 6)(5x - 6)(x + 5)$$
$$10x^3 + 68x^2 + 54x - 180$$

$$x - (3 - 2x)(2x - 1)(x - 4)$$
$$4x^3 - 24x^2 + 36x - 12$$

$$(x^2 + 4)(5x - 3) - 3x^2 + 3x - 1$$
$$5x^3 - 6x^2 + 23x - 13$$

$$(6x^2 - 5)(5x - 2) + x^2 - x + 6$$
$$30x^3 - 11x^2 - 26x + 16$$

$$(3x^2 + 4)(4x + 5) - x^2 + 5x - 1$$
$$12x^3 + 14x^2 + 21x + 19$$