

Expansion polynomiale

Nom: _____

Date: _____ Note: _____

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

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

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

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

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

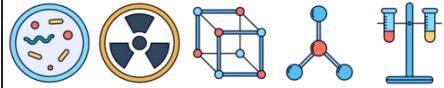
$$5x + (2 - 5x)(4x + 4)(5x - 2)$$

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

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

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

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



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$$(4x + 1)(3x^2 - 5x + 2) + (3x + 2)(4x + 2)$$
$$12x^3 - 5x^2 + 17x + 6$$

$$(4x^2 + 6)(x + 4) + x^2 - 2x - 5$$
$$4x^3 + 17x^2 + 4x + 19$$

$$(6x^2 + 2)(4x - 4) - x^2 - 5x - 1$$
$$24x^3 - 25x^2 + 3x - 9$$

$$x - (6 + 3x)(6x + 5)(2x + 1)$$
$$-36x^3 - 120x^2 - 110x - 30$$

$$(5x^2 + 1)(6x + 3) + 4x^2 - 5x - 4$$
$$30x^3 + 19x^2 + x - 1$$

$$5x + (2 - 5x)(4x + 4)(5x - 2)$$
$$-100x^3 - 20x^2 + 69x - 16$$

$$4x + (3 - 4x)(x + 2)(3x + 2)$$
$$-12x^3 - 23x^2 + 12x + 12$$

$$(3x + 6)(4x - 4)(x - 2)$$
$$12x^3 - 12x^2 - 48x + 48$$

$$(5x^2 + 4x - 1)(5x + 1) - 4 \times 5x - 5$$
$$25x^3 + 25x^2 - 21x - 6$$

$$(2x^2 + x - 2)(6x + 4) - 1 \times 2x + 1$$
$$12x^3 + 14x^2 - 10x - 7$$