

Expansion polynomiale

Nom: _____

Date: _____ Note: _____

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

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

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

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

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

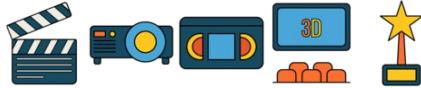
$$(3x + 4)(x - 2)(4x + 3)$$

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

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

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

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



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$$(4x^2 - 3)(5x - 1) - x^2 + 5x + 1$$
$$20x^3 - 5x^2 - 10x + 4$$

$$(3x - 2)(4x^2 - 3x - 1) - (3x + 6)(5x + 1)$$
$$12x^3 - 32x^2 - 30x - 4$$

$$4x + (5 - 3x)(x + 5)(6x - 6)$$
$$-18x^3 - 42x^2 + 214x - 150$$

$$5x + (5 - x)(3x - 1)(3x - 3)$$
$$-9x^3 + 57x^2 - 58x + 15$$

$$(6x + 3)(6x^2 - 6x - 2) - (5x + 5)(4x - 5)$$
$$36x^3 - 38x^2 - 25x + 19$$

$$(3x + 4)(x - 2)(4x + 3)$$
$$12x^3 + x^2 - 38x - 24$$

$$6x - (3 - 2x)(x - 6)(3x - 1)$$
$$6x^3 - 47x^2 + 75x - 18$$

$$(4x + 5)(2x - 3)(4x - 2)$$
$$32x^3 - 24x^2 - 56x + 30$$

$$(6x^2 - 3x + 1)(2x - 6) - 6 \times 6x - 5$$
$$12x^3 - 42x^2 - 16x - 11$$

$$(6x^2 + 5)(x + 3) + 3x^2 + 6x - 2$$
$$6x^3 + 21x^2 + 11x + 13$$