



## Expansion polynomiale

Nom: \_\_\_\_\_

Date: \_\_\_\_\_ Note: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$(x^2 - 2x - 3)(6x - 5) + 1 \times 3x + 5$$
$$6x^3 - 17x^2 - 5x + 20$$

$$(5x + 1)(2x + 6)(6x - 1)$$
$$60x^3 + 182x^2 + 4x - 6$$

$$3x - (4 - x)(3x - 2)(5x - 6)$$
$$15x^3 - 88x^2 + 127x - 48$$

$$(2x^2 + 3x + 6)(6x - 4) + 5 \times 5x - 5$$
$$12x^3 + 10x^2 + 49x - 29$$

$$(5x^2 - 4x + 1)(3x - 2) - 4 \times 5x - 4$$
$$15x^3 - 22x^2 - 9x - 6$$

$$(6x - 4)(5x^2 + x - 4) + (x - 2)(5x + 5)$$
$$30x^3 - 9x^2 - 33x + 6$$

$$(x^2 + 5)(6x - 3) - 4x^2 - 4x + 3$$
$$6x^3 - 7x^2 + 26x - 12$$

$$(3x^2 + 3x - 2)(4x + 5) + 6 \times 3x - 6$$
$$12x^3 + 27x^2 + 25x - 16$$

$$(6x^2 - 5x + 3)(6x + 1) - 1 \times 5x - 5$$
$$36x^3 - 24x^2 + 8x - 2$$

$$(2x^2 - 5x + 2)(2x - 6) + 5 \times 4x + 4$$
$$4x^3 - 22x^2 + 54x - 8$$