



Expansión polinomial

Nombre: _____

Fecha: _____ Puntuación: _____

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

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

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

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

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

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

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

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

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

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



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$$(5x + 2)(x + 4)(4x + 2)$$
$$20x^3 + 98x^2 + 76x + 16$$

$$x - (5 - x)(3x + 2)(2x - 6)$$
$$6x^3 - 44x^2 + 59x + 60$$

$$(2x^2 + 4x - 5)(4x + 3) - 6 \times 2x - 3$$
$$8x^3 + 22x^2 - 20x - 18$$

$$(3x - 5)(6x - 3)(3x + 6)$$
$$54x^3 - 9x^2 - 189x + 90$$

$$(3x - 5)(6x^2 - 6x - 4) + (4x - 6)(4x + 2)$$
$$18x^3 - 32x^2 + 2x + 8$$

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

$$(4x + 4)(5x^2 + 3x - 4) - (x + 1)(4x + 3)$$
$$20x^3 + 28x^2 - 11x - 19$$

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

$$(4x + 6)(2x - 3)(3x + 5)$$
$$24x^3 + 40x^2 - 54x - 90$$

$$5x - (3 + 3x)(2x - 2)(6x + 4)$$
$$-36x^3 - 24x^2 + 41x + 24$$