



Expansión polinomial

Nombre: _____

Fecha: _____ Puntuación: _____

$$4x + (4 - x)(4x - 6)(x + 1)$$

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

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

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

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

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

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

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

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

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



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$$4x + (4-x)(4x-6)(x+1)$$
$$\textcolor{red}{-4x^3 + 18x^2 + 2x - 24}$$

$$(x+6)(4x^2 + 2x + 3) + (x+6)(2x-3)$$
$$\textcolor{red}{4x^3 + 28x^2 + 24x}$$

$$(4x^2 + 4)(6x-2) - 2x^2 + 2x - 1$$
$$\textcolor{red}{24x^3 - 10x^2 + 26x - 9}$$

$$x + (1+3x)(3x+6)(x+6)$$
$$\textcolor{red}{9x^3 + 75x^2 + 133x + 36}$$

$$(4x^2 + 4)(x-1) - 3x^2 - 5x - 3$$
$$\textcolor{red}{4x^3 - 7x^2 - x - 7}$$

$$(x^2 - 5)(4x-3) - 3x^2 + x - 6$$
$$\textcolor{red}{4x^3 - 6x^2 - 19x + 9}$$

$$(5x-3)(4x+6)(3x+5)$$
$$\textcolor{red}{60x^3 + 154x^2 + 36x - 90}$$

$$6x - (3+5x)(2x-2)(3x-5)$$
$$\textcolor{red}{-30x^3 + 62x^2 + 4x - 30}$$

$$(6x-3)(x^2 + 2x - 3) - (5x-4)(3x+1)$$
$$\textcolor{red}{6x^3 - 6x^2 - 17x + 13}$$

$$(2x+1)(4x+2)(5x+6)$$
$$\textcolor{red}{40x^3 + 88x^2 + 58x + 12}$$