



Expansão polinomial

Nome: _____

Encontro: Data: _____ Pontuação: _____

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

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

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

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

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

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

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

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

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

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



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$$(6x^2 - 1)(x - 4) + 2x^2 + 3x - 2$$
$$\textcolor{red}{6x^3 - 22x^2 + 2x + 2}$$

$$(2x - 6)(x^2 + 2x + 5) + (6x + 5)(5x - 5)$$
$$\textcolor{red}{2x^3 + 28x^2 - 7x - 55}$$

$$3x + (2 + 3x)(6x - 2)(5x + 1)$$
$$\textcolor{red}{90x^3 + 48x^2 - 11x - 4}$$

$$(5x^2 + x + 2)(5x - 3) + 5 \times 2x + 1$$
$$\textcolor{red}{25x^3 - 10x^2 + 17x - 5}$$

$$(3x + 3)(x - 2)(x - 4)$$
$$\textcolor{red}{3x^3 - 15x^2 + 6x + 24}$$

$$(2x^2 + 3x - 6)(5x + 2) - 4 \times 6x - 4$$
$$\textcolor{red}{10x^3 + 19x^2 - 48x - 16}$$

$$5x + (2 + 3x)(x + 4)(3x + 5)$$
$$\textcolor{red}{9x^3 + 57x^2 + 99x + 40}$$

$$(2x^2 - 5)(x + 3) + 5x^2 + 5x - 6$$
$$\textcolor{red}{2x^3 + 11x^2 - 21}$$

$$(6x^2 + 3x - 1)(x + 5) + 2 \times 3x - 4$$
$$\textcolor{red}{6x^3 + 33x^2 + 20x - 9}$$

$$2x + (6 - 2x)(3x - 5)(4x + 6)$$
$$\textcolor{red}{-24x^3 + 76x^2 + 50x - 180}$$