



多項式方程式展開

姓名: _____

日期: _____ 分數: _____

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

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

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

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

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

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

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

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

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

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



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$$(5x + 1)(5x^2 - 4x + 5) + (2x + 2)(2x - 6)$$
$$25x^3 - 11x^2 + 13x - 7$$

$$(x^2 + 4x - 3)(x + 4) + 4 \times 3x + 3$$
$$x^3 + 8x^2 + 25x - 9$$

$$(2x + 1)(2x - 5)(2x + 3)$$
$$8x^3 - 4x^2 - 34x - 15$$

$$(2x^2 + 3)(5x + 2) + x^2 - 4x - 6$$
$$10x^3 + 5x^2 + 11x$$

$$3x - (1 + 2x)(4x - 3)(3x - 6)$$
$$-24x^3 + 54x^2 - 18$$

$$(x - 4)(3x^2 - 5x + 1) - (2x + 5)(4x - 1)$$
$$3x^3 - 25x^2 + 3x + 1$$

$$(x + 1)(3x + 6)(4x - 4)$$
$$12x^3 + 24x^2 - 12x - 24$$

$$x - (6 + x)(4x + 3)(x + 6)$$
$$-4x^3 - 51x^2 - 179x - 108$$

$$(4x^2 + 4)(2x + 3) + 4x^2 + 2x - 5$$
$$8x^3 + 16x^2 + 10x + 7$$

$$(4x + 5)(2x - 1)(4x - 4)$$
$$32x^3 - 8x^2 - 44x + 20$$