



多項式方程式展開

姓名: _____

日期: _____ 分數: _____

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

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

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

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

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

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

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

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

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

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



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$$(2x^2 + 5)(5x - 2) - x^2 + 3x - 1$$
$$10x^3 - 5x^2 + 28x - 11$$

$$(4x^2 + 2)(x + 4) + x^2 - 5x - 1$$
$$4x^3 + 17x^2 - 3x + 7$$

$$(2x + 3)(5x - 6)(6x - 6)$$
$$60x^3 - 42x^2 - 126x + 108$$

$$(6x + 6)(x + 5)(x + 1)$$
$$6x^3 + 42x^2 + 66x + 30$$

$$3x - (3 - 2x)(6x - 4)(5x - 2)$$
$$60x^3 - 154x^2 + 115x - 24$$

$$(3x - 4)(5x^2 + 4x + 3) + (3x + 3)(6x + 5)$$
$$15x^3 + 10x^2 + 26x + 3$$

$$(3x^2 + 4x - 4)(5x - 2) + 2 \times 5x + 3$$
$$15x^3 + 14x^2 - 18x + 11$$

$$(6x + 4)(4x^2 + 6x + 3) - (4x + 4)(5x - 5)$$
$$24x^3 + 32x^2 + 42x + 32$$

$$3x + (2 - 5x)(x + 3)(3x - 2)$$
$$-15x^3 - 29x^2 + 47x - 12$$

$$(4x + 6)(3x^2 - 5x + 4) + (4x - 2)(5x + 4)$$
$$12x^3 + 18x^2 - 8x + 16$$