



多項式方程式展開

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$(2x^2 + 3x + 4)(5x - 2) + 2 \times 2x + 3$$
$$10x^3 + 11x^2 + 18x - 5$$

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

$$(x^2 + 3x + 5)(2x + 4) + 1 \times 5x + 2$$
$$2x^3 + 10x^2 + 27x + 22$$

$$4x + (6 + 3x)(2x - 1)(x - 5)$$
$$6x^3 - 21x^2 - 47x + 30$$

$$(3x - 1)(5x - 4)(x - 2)$$
$$15x^3 - 47x^2 + 38x - 8$$

$$(5x^2 - 3)(x + 1) + 5x^2 + 2x - 4$$
$$5x^3 + 10x^2 - x - 7$$

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

$$6x - (2 - 2x)(3x - 6)(3x + 1)$$
$$18x^3 - 48x^2 + 24x + 12$$

$$3x + (3 + 2x)(x + 1)(6x - 6)$$
$$12x^3 + 18x^2 - 9x - 18$$

$$(x + 5)(4x^2 + 5x + 5) - (6x - 2)(4x + 3)$$
$$4x^3 + x^2 + 20x + 31$$