



## 다항식 확장

이름: \_\_\_\_\_

날짜: \_\_\_\_\_ 점수: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$(4x^2 + 1)(4x + 6) - 3x^2 + 3x - 4$$
$$16x^3 + 21x^2 + 7x + 2$$

$$(2x + 1)(4x^2 + 6x + 1) - (2x + 5)(3x - 2)$$
$$8x^3 + 10x^2 - 3x + 11$$

$$(x - 3)(4x^2 - x - 3) + (5x + 1)(5x - 3)$$
$$4x^3 + 12x^2 - 10x + 6$$

$$(6x + 5)(2x + 2)(3x + 2)$$
$$36x^3 + 90x^2 + 74x + 20$$

$$(6x^2 - 6)(4x - 4) + 5x^2 - 3x + 6$$
$$24x^3 - 19x^2 - 27x + 30$$

$$(x + 4)(3x - 6)(x + 6)$$
$$3x^3 + 24x^2 + 12x - 144$$

$$(x^2 + 2x - 2)(4x - 5) - 3 \times 6x + 2$$
$$4x^3 + 3x^2 - 36x + 12$$

$$(x + 4)(6x^2 + 4x + 4) + (4x - 1)(2x - 3)$$
$$6x^3 + 36x^2 + 6x + 19$$

$$(x + 2)(x + 3)(2x - 6)$$
$$2x^3 + 4x^2 - 18x - 36$$

$$(x^2 - 6)(3x - 3) + 6x^2 + 4x - 5$$
$$3x^3 + 3x^2 - 14x + 13$$