



3차 다항식의 인수분해

이름: _____

날짜: _____ 점수: _____

$$15x^3 - 43x^2 - 144x - 80$$

$$2x^2 - 4x$$

$$x^3 + 2x^2 + 8x + 7$$

$$x^3 - 3x^2 - x - 12$$

$$x^3 - 2x^2 - 21x - 18$$

$$3x^2 + 9x$$

$$x^3 - 7x^2 - x - 56$$

$$6x^3 - 47x^2 + 35x$$

$$x^3 + 8x^2 - 6x + 27$$

$$x^3 - 19x - 30$$



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$$15x^3 - 43x^2 - 144x - 80$$
$$(5x + 4)(x - 5)(3x + 4)$$

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

$$x^3 + 2x^2 + 8x + 7$$
$$(x + 1)(x^2 + x + 7)$$

$$x^3 - 3x^2 - x - 12$$
$$(x - 4)(x^2 + x + 3)$$

$$x^3 - 2x^2 - 21x - 18$$
$$(x + 3)(x - 6)(x + 1)$$

$$3x^2 + 9x$$
$$3x(x + 3)$$

$$x^3 - 7x^2 - x - 56$$
$$(x - 8)(x^2 + x + 7)$$

$$6x^3 - 47x^2 + 35x$$
$$(6x - 5)(x - 7)x$$

$$x^3 + 8x^2 - 6x + 27$$
$$(x + 9)(x^2 - x + 3)$$

$$x^3 - 19x - 30$$
$$(x + 2)(x - 5)(x + 3)$$