



Faktorisering af kubiske polynomier

Navn: _____

Dato: _____ Score: _____

$$x^3 - 2x^2 + 10x - 9$$

$$12x^3 - 11x^2 - 13x + 10$$

$$21x^3 - 130x^2 - 288x - 128$$

$$27x^3 - 6x^2 - 76x - 40$$

$$x^3 + 8x^2 + 21x + 18$$

$$x^3 - 3x^2 - 2x - 40$$

$$3x^2 - 9x$$

$$12x^3 - 25x^2 - 82x - 40$$

$$x^3 - 2x^2 - 45x + 126$$

$$x^3 + 5x^2 + 12x + 32$$



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$$x^3 - 2x^2 + 10x - 9$$
$$(x - 1)(x^2 - x + 9)$$

$$12x^3 - 11x^2 - 13x + 10$$
$$(3x - 2)(x + 1)(4x - 5)$$

$$21x^3 - 130x^2 - 288x - 128$$
$$(3x + 2)(x - 8)(7x + 8)$$

$$27x^3 - 6x^2 - 76x - 40$$
$$(3x + 2)(x - 2)(9x + 10)$$

$$x^3 + 8x^2 + 21x + 18$$
$$(x + 3)(x + 3)(x + 2)$$

$$x^3 - 3x^2 - 2x - 40$$
$$(x - 5)(x^2 + 2x + 8)$$

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

$$12x^3 - 25x^2 - 82x - 40$$
$$(3x + 2)(x - 4)(4x + 5)$$

$$x^3 - 2x^2 - 45x + 126$$
$$(x - 6)(x + 7)(x - 3)$$

$$x^3 + 5x^2 + 12x + 32$$
$$(x + 4)(x^2 + x + 8)$$