



Faktorisering av kubiske polynom

StudentName: _____

ExamDate: _____ ExamScore: _____

$$x^3 + 5x^2 - 25x - 125$$

$$x^3 - 21x^2 + 144x - 324$$

$$7x^2 - 49x$$

$$x^3 + 14x^2 + 39x - 54$$

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

$$x^3 + 7x^2 - 14x - 120$$

$$21x^3 - 143x^2 - 60x + 224$$

$$x^3 + 9x^2 - 81x - 729$$

$$x^3 - 7x^2 - 11x - 63$$

$$x^3 + 4x^2 + 2x + 35$$



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$$x^3 + 5x^2 - 25x - 125$$
$$(x + 5)(x + 5)(x - 5)$$

$$x^3 - 21x^2 + 144x - 324$$
$$(x - 9)(x - 6)(x - 6)$$

$$7x^2 - 49x$$
$$7x(x - 7)$$

$$x^3 + 14x^2 + 39x - 54$$
$$(x - 1)(x + 6)(x + 9)$$

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

$$x^3 + 7x^2 - 14x - 120$$
$$(x + 6)(x - 4)(x + 5)$$

$$21x^3 - 143x^2 - 60x + 224$$
$$(3x + 4)(x - 7)(7x - 8)$$

$$x^3 + 9x^2 - 81x - 729$$
$$(x + 9)(x + 9)(x - 9)$$

$$x^3 - 7x^2 - 11x - 63$$
$$(x - 9)(x^2 + 2x + 7)$$

$$x^3 + 4x^2 + 2x + 35$$
$$(x + 5)(x^2 - x + 7)$$