

Factoring Cubics

Name: _____

Date: _____ Score: _____

$$5x^3 - 11x^2 - 12x$$

$$x^3 - 8x^2 + 5x + 14$$

$$x^3 + 7x^2 - 81x - 567$$

$$x^3 - 10x^2 + 29x - 20$$

$$x^3 + 8x^2 - 2x + 63$$

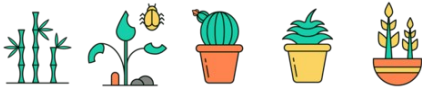
$$x^3 + 20x^2 + 133x + 294$$

$$x^3 - 18x^2 + 107x - 210$$

$$x^3 + 10x^2 + 17x - 28$$

$$x^3 - 19x^2 + 118x - 240$$

$$x^3 - 2x^2 - 3x - 20$$



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

$$x^3 - 8x^2 + 5x + 14$$
$$(x - 2)(x + 1)(x - 7)$$

$$x^3 + 7x^2 - 81x - 567$$
$$(x - 9)(x + 9)(x + 7)$$

$$x^3 - 10x^2 + 29x - 20$$
$$(x - 5)(x - 1)(x - 4)$$

$$x^3 + 8x^2 - 2x + 63$$
$$(x + 9)(x^2 - x + 7)$$

$$x^3 + 20x^2 + 133x + 294$$
$$(x + 6)(x + 7)(x + 7)$$

$$x^3 - 18x^2 + 107x - 210$$
$$(x - 6)(x - 5)(x - 7)$$

$$x^3 + 10x^2 + 17x - 28$$
$$(x + 4)(x + 7)(x - 1)$$

$$x^3 - 19x^2 + 118x - 240$$
$$(x - 5)(x - 8)(x - 6)$$

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