



Factoring Cubics

Name: _____

Date: _____ Score: _____

$$9x^2 - 81x$$

$$5x^2 + 25x$$

$$x^3 - 10x^2 + 21x - 40$$

$$x^2 - x$$

$$5x^2 - 25x$$

$$x^2 + x$$

$$3x^2 + 9x$$

$$x^3 + 12x^2 + 27x - 40$$

$$7x^2 - 49x$$

$$x^3 + 4x^2 - 27x - 90$$



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Name: _____

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$$9x^2 - 81x$$
$$9x(x - 9)$$

$$5x^2 + 25x$$
$$5x(x + 5)$$

$$x^3 - 10x^2 + 21x - 40$$
$$(x - 8)(x^2 - 2x + 5)$$

$$x^2 - x$$
$$x(x - 1)$$

$$5x^2 - 25x$$
$$5x(x - 5)$$

$$x^2 + x$$
$$x(x + 1)$$

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

$$x^3 + 12x^2 + 27x - 40$$
$$(x + 5)(x + 8)(x - 1)$$

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

$$x^3 + 4x^2 - 27x - 90$$
$$(x + 6)(x - 5)(x + 3)$$