



Factoring Cubics

Name: _____

Date: _____ Score: _____

$$x^3 - 14x^2 + 61x - 84$$

$$15x^3 - 133x^2 - 42x + 216$$

$$2x^2 - 4x$$

$$5x^3 + 46x^2 + 108x + 72$$

$$x^2 - x$$

$$x^3 - 43x + 42$$

$$8x^3 - 14x^2 - 7x + 15$$

$$6x^2 - 36x$$

$$x^3 - 11x^2 + 22x - 36$$

$$6x^2 + 36x$$



Factoring Cubics

Name: _____

Date: _____ Score: _____

$$x^3 - 14x^2 + 61x - 84$$
$$(x - 3)(x - 4)(x - 7)$$

$$15x^3 - 133x^2 - 42x + 216$$
$$(5x - 6)(x - 9)(3x + 4)$$

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

$$5x^3 + 46x^2 + 108x + 72$$
$$(5x + 6)(x + 6)(x + 2)$$

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

$$x^3 - 43x + 42$$
$$(x + 7)(x - 6)(x - 1)$$

$$8x^3 - 14x^2 - 7x + 15$$
$$(4x - 5)(x + 1)(2x - 3)$$

$$6x^2 - 36x$$
$$6x(x - 6)$$

$$x^3 - 11x^2 + 22x - 36$$
$$(x - 9)(x^2 - 2x + 4)$$

$$6x^2 + 36x$$
$$6x(x + 6)$$