



Factoring Cubics

Name: _____

Date: _____ Score: _____

$$2x^2 + 4x$$

$$3x^2 + 9x$$

$$x^3 + 2x^2 - 29x - 30$$

$$x^3 + 5x^2 - x + 30$$

$$8x^2 - 64x$$

$$6x^2 - 36x$$

$$9x^3 - 17x^2 + 8x$$

$$x^3 - x^2 - 58x + 112$$

$$21x^3 + 130x^2 + 12x - 72$$

$$x^3 - 10x^2 + 18x - 81$$



Factoring Cubics

Name: _____

Date: _____ Score: _____

$$2x^2 + 4x$$

$$2x(x + 2)$$

$$3x^2 + 9x$$

$$3x(x + 3)$$

$$x^3 + 2x^2 - 29x - 30$$

$$(x + 1)(x + 6)(x - 5)$$

$$x^3 + 5x^2 - x + 30$$

$$(x + 6)(x^2 - x + 5)$$

$$8x^2 - 64x$$

$$8x(x - 8)$$

$$6x^2 - 36x$$

$$6x(x - 6)$$

$$9x^3 - 17x^2 + 8x$$

$$x(x - 1)(9x - 8)$$

$$x^3 - x^2 - 58x + 112$$

$$(x + 8)(x - 7)(x - 2)$$

$$21x^3 + 130x^2 + 12x - 72$$

$$(3x - 2)(x + 6)(7x + 6)$$

$$x^3 - 10x^2 + 18x - 81$$

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