



Factoring Cubics

Name: _____

Date: _____ Score: _____

$$3x^2 - 9x$$

$$8x^2 + 64x$$

$$15x^3 + 53x^2 + 8x - 48$$

$$9x^2 - 81x$$

$$x^3 - x^2 + 7x + 9$$

$$56x^3 - 519x^2 + 81x + 486$$

$$10x^3 - 47x^2 + 16x + 48$$

$$40x^3 + 427x^2 + 631x + 252$$

$$x^3 + 2x + 12$$

$$x^3 - 2x^2 - x - 28$$



Factoring Cubics

Name: _____

Date: _____ Score: _____

$$3x^2 - 9x$$

$$3x(x - 3)$$

$$8x^2 + 64x$$

$$8x(x + 8)$$

$$15x^3 + 53x^2 + 8x - 48$$

$$(3x + 4)(x + 3)(5x - 4)$$

$$9x^2 - 81x$$

$$9x(x - 9)$$

$$x^3 - x^2 + 7x + 9$$

$$(x + 1)(x^2 - 2x + 9)$$

$$56x^3 - 519x^2 + 81x + 486$$

$$(8x - 9)(x - 9)(7x + 6)$$

$$10x^3 - 47x^2 + 16x + 48$$

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

$$40x^3 + 427x^2 + 631x + 252$$

$$(5x + 4)(x + 9)(8x + 7)$$

$$x^3 + 2x + 12$$

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

$$x^3 - 2x^2 - x - 28$$

$$(x - 4)(x^2 + 2x + 7)$$