Factoring Cublics

Name: _____ Date: _____ Score: _____

$16x^3 + 58x^2 + 61x + 18$

$36x^3 + 149x^2 + 194x + 80$

$21x^3 - 74x^2 + 76x - 24$

$18x^3 - 65x^2 + 68x - 20$

$18x^3 + 183x^2 + 332x + 160$

$x^3 - 3x^2 - 34x - 48$

$3x^2 - 9x$

$5x^2 - 25x$

$4x^2 + 16x$

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

Factoring Cublics

Name: _____ Date: _____ Score: _____

$16x^3 + 58x^2 + 61x + 18$

$(2x + 1)(x + 2)(8x + 9)$

$36x^3 + 149x^2 + 194x + 80$

$(4x + 5)(x + 2)(9x + 8)$

$21x^3 - 74x^2 + 76x - 24$

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

$18x^3 - 65x^2 + 68x - 20$

$(2x - 1)(x - 2)(9x - 10)$

$18x^3 + 183x^2 + 332x + 160$

$(3x + 4)(x + 8)(6x + 5)$

$x^3 - 3x^2 - 34x - 48$

$(x + 2)(x - 8)(x + 3)$

$3x^2 - 9x$

$3x(x - 3)$

$5x^2 - 25x$

$5x(x - 5)$

$4x^2 + 16x$

$4x(x + 4)$

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

$(x + 3)(x - 1)(x - 3)$