Nom: _____   Date: _____   Note: _____

$x^3 - 8x^2 - 9x + 72$ $4x^3 + 40x^2 + 67x + 24$

$x^3 + 12x^2 + 41x + 42$ $x^3 - 18x^2 + 107x - 210$

$x^3 + 18x^2 + 105x + 196$ $9x^3 + 35x^2 - 50x$

$x^3 - 2x^2 - x - 28$ $9x^2 - 81x$

$x^3 - 3x^2 - 8x - 10$ $x^3 - 2x^2 - 71x + 252$

Nom: _____   Date: _____ Note: _____

$x^3 - 8x^2 - 9x + 72$

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

$4x^3 + 40x^2 + 67x + 24$

$(2x + 1)(x + 8)(2x + 3)$

$x^3 + 12x^2 + 41x + 42$

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

$x^3 - 18x^2 + 107x - 210$

$(x - 5)(x - 7)(x - 6)$

$x^3 + 18x^2 + 105x + 196$

$(x + 4)(x + 7)(x + 7)$

$9x^3 + 35x^2 - 50x$

$x(x + 5)(9x - 10)$

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

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

$9x^2 - 81x$

$9x(x - 9)$

$x^3 - 3x^2 - 8x - 10$

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

$x^3 - 2x^2 - 71x + 252$

$(x - 4)(x + 9)(x - 7)$