Nom: _____   Date: _____   Note: _____

$2x^2 - 4x$ $x^3 - 2x^2 - 43x - 40$

$x^3 + 3x^2 + 2x + 24$ $x^3 - 18x^2 + 99x - 162$

$x^3 - 4x^2 - 59x + 126$ $4x^2 + 16x$

$x^3 + 8x^2 - 6x + 27$ $x^3 - 12x^2 + 27x + 40$

$8x^2 + 64x$ $x^3 - 2x^2 + 3x - 2$

Nom: _____

Date: _____ Note: _____

$2x^2 - 4x$

$2x(x - 2)$

$x^3 - 2x^2 - 43x - 40$

$(x + 1)(x + 5)(x - 8)$

$x^3 + 3x^2 + 2x + 24$

$(x + 4)(x^2 - x + 6)$

$x^3 - 18x^2 + 99x - 162$

$(x - 6)(x - 9)(x - 3)$

$x^3 - 4x^2 - 59x + 126$

$(x + 7)(x - 9)(x - 2)$

$4x^2 + 16x$

$4x(x + 4)$

$x^3 + 8x^2 - 6x + 27$

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

$x^3 - 12x^2 + 27x + 40$

$(x + 1)(x - 8)(x - 5)$

$8x^2 + 64x$

$8x(x + 8)$

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

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