Nom: _____

$4x^3 + 9x^2 - 3x - 10$

$x^3 - 9x^2 + 11x - 24$

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

$9x^2 - 81x$

$x^3 + 3x^2 - 54x - 112$

$x^3 + 17x^2 + 79x + 63$

$63x^3 + 250x^2 - 56x - 192$

$8x^2 - 64x$

$x^3 + 6x - 7$

$x^3 + 6x^2 - 10x + 48$

Nom: _____

Date: _____   Note: _____

$4x^3 + 9x^2 - 3x - 10$

$(4x + 5)(x - 1)(x + 2)$

$x^3 - 9x^2 + 11x - 24$

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

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

$(x - 1)(x^2 - 2x + 7)$

$9x^2 - 81x$

$9x(x - 9)$

$x^3 + 3x^2 - 54x - 112$

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

$x^3 + 17x^2 + 79x + 63$

$(x + 7)(x + 1)(x + 9)$

$63x^3 + 250x^2 - 56x - 192$

$(7x + 6)(x + 4)(9x - 8)$

$8x^2 - 64x$

$8x(x - 8)$

$x^3 + 6x - 7$

$(x - 1)(x^2 + x + 7)$

$x^3 + 6x^2 - 10x + 48$

$(x + 8)(x^2 - 2x + 6)$