Nom: _____

Date: _____ Note: _____

$6x^2 - 36x$

$x^3 - 6x^2 - 14x - 16$

$8x^2 - 64x$

$x^3 + 9x^2 + 22x + 56$

$8x^3 - 2x^2 - 51x - 45$

$x^3 - 8x^2 + 19x - 42$

$x^3 + 6x^2 - 13x + 24$

$x^3 - 3x^2 - 4x - 30$

$x^3 + 13x^2 + 34x - 48$

$x^3 - 5x^2 - 11x - 21$

Nom: _____

$6x^2 - 36x$
$6x(x - 6)$

$x^3 - 6x^2 - 14x - 16$
$(x - 8)(x^2 + 2x + 2)$

$8x^2 - 64x$
$8x(x - 8)$

$x^3 + 9x^2 + 22x + 56$
$(x + 7)(x^2 + 2x + 8)$

$8x^3 - 2x^2 - 51x - 45$
$(2x + 3)(x - 3)(4x + 5)$

$x^3 - 8x^2 + 19x - 42$
$(x - 6)(x^2 - 2x + 7)$

$x^3 + 6x^2 - 13x + 24$
$(x + 8)(x^2 - 2x + 3)$

$x^3 - 3x^2 - 4x - 30$
$(x - 5)(x^2 + 2x + 6)$

$x^3 + 13x^2 + 34x - 48$
$(x + 8)(x - 1)(x + 6)$

$x^3 - 5x^2 - 11x - 21$
$(x - 7)(x^2 + 2x + 3)$

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