Name: _____   Date: _____ Score: _____

$x^3 - 10x^2 + 3x + 126$ $9x^2 + 81x$

$2x^2 + 4x$ $x^3 - 5x^2 + 2x - 48$

$x^3 - 3x^2 - 4x + 12$ $12x^3 - 16x^2 - 13x + 15$

$7x^3 - 41x^2 - 68x + 84$ $x^2 + x$

$7x^2 + 49x$ $20x^3 - 229x^2 + 471x - 270$

Name: _____

$x^3 - 10x^2 + 3x + 126$

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

$9x^2 + 81x$

$9x(x + 9)$

$2x^2 + 4x$

$2x(x + 2)$

$x^3 - 5x^2 + 2x - 48$

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

$x^3 - 3x^2 - 4x + 12$

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

$12x^3 - 16x^2 - 13x + 15$

$(6x - 5)(x + 1)(2x - 3)$

$7x^3 - 41x^2 - 68x + 84$

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

$x^2 + x$

$x(x + 1)$

$7x^2 + 49x$

$7x(x + 7)$

$20x^3 - 229x^2 + 471x - 270$

$(4x - 5)(x - 9)(5x - 6)$