Name: _____   Date: _____ Score: _____

$8x^3 + x^2 - 7x$

$x^3 - 7x^2 + 12x - 10$

$8x^2 + 64x$

$x^3 + 5x^2 + 9x + 20$

$x^3 + 8x^2 + 16x + 24$

$14x^3 + 9x^2 - 11x - 6$

$9x^3 + 21x^2 - 26x - 24$

$x^3 + 8x^2 + 14x + 12$

$20x^3 - 21x^2 - 99x - 54$

$45x^3 - 31x^2 - 44x + 32$

Name: _____   Date: _____ Score: _____

$8x^3 + x^2 - 7x$

$x(x + 1)(8x - 7)$

$x^3 - 7x^2 + 12x - 10$

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

$8x^2 + 64x$

$8x(x + 8)$

$x^3 + 5x^2 + 9x + 20$

$(x + 4)(x^2 + x + 5)$

$x^3 + 8x^2 + 16x + 24$

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

$14x^3 + 9x^2 - 11x - 6$

$(7x - 6)(x + 1)(2x + 1)$

$9x^3 + 21x^2 - 26x - 24$

$(3x - 4)(x + 3)(3x + 2)$

$x^3 + 8x^2 + 14x + 12$

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

$20x^3 - 21x^2 - 99x - 54$

$(5x + 6)(x - 3)(4x + 3)$

$45x^3 - 31x^2 - 44x + 32$

$(5x - 4)(x + 1)(9x - 8)$