Simplifying Polynomials

Name: _____ Date: _____ Score: _____

$3x + 7x + 3(x^2 + 7x) - 3x$

$4(3x^2 + x) - 3x^3 + 7x^3 + 6x$

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

$4x + 9x^3 - 3(3x^2 - 2x) - 3x^3$

$2x^3 + x - 4(2x + 9x^2) + 6x^2$

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

$9x + 6x + 7x^3 - 9x^2 - 6x^2$

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

$9x^3 - 5x + 8x + 3(4x + 3x^3)$

$8x - 5x^3 - 4x^3 - 8x^2 + 9x^3$

Simplifying Polynomials

Name: _____ Date: _____ Score: _____

$3x + 7x + 3(x^2 + 7x) - 3x$

$3x^2 + 28x$

$4(3x^2 + x) - 3x^3 + 7x^3 + 6x$

$4x^3 + 12x^2 + 10x$

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

$5x^3 + 11x^2 + 9x$

$4x + 9x^3 - 3(3x^2 - 2x) - 3x^3$

$6x^3 - 9x^2 + 10x$

$2x^3 + x - 4(2x + 9x^2) + 6x^2$

$2x^3 - 30x^2 - 7x$

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

$4x^3 + 13x^2$

$9x + 6x + 7x^3 - 9x^2 - 6x^2$

$7x^3 - 15x^2 + 15x$

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

$2x^3 + x$

$9x^3 - 5x + 8x + 3(4x + 3x^3)$

$18x^3 + 15x$

$8x - 5x^3 - 4x^3 - 8x^2 + 9x^3$

$-8x^2 + 8x$