Simplifying Polynomials

Name: _____ Date: _____ Score: _____

$x + 8x^3 + 5x^2 + 3x^3 + 2x^3$

$2x^3 - 6x^2 - 6x^2 + 4x - 5x$

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

$x^3 - 6x^3 + 6x^3 + 5x^3 - 2x^3$

$4x + 6x - 4(4x + 2x^3) + 8x^2$

$9x^3 - 2x^2 - 3x^3 - 9x - 5x$

$4(7x - 6x^2) - 4x^3 - 3x^3 + 9x^3$

$8x + 8x^3 + 3x + 4x + 9x$

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

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

Simplifying Polynomials

Name: _____ Date: _____ Score: _____

$x + 8x^3 + 5x^2 + 3x^3 + 2x^3$

$13x^3 + 5x^2 + x$

$2x^3 - 6x^2 - 6x^2 + 4x - 5x$

$2x^3 - 12x^2 - x$

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

$7x^3 + 33x$

$x^3 - 6x^3 + 6x^3 + 5x^3 - 2x^3$

$4x^3$

$4x + 6x - 4(4x + 2x^3) + 8x^2$

$-8x^3 + 8x^2 - 6x$

$9x^3 - 2x^2 - 3x^3 - 9x - 5x$

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

$4(7x - 6x^2) - 4x^3 - 3x^3 + 9x^3$

$2x^3 - 24x^2 + 28x$

$8x + 8x^3 + 3x + 4x + 9x$

$8x^3 + 24x$

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

$10x^3 + 3x^2 - 8x$

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

$40x^3 + 5x^2 - 12x$