Simplifying Polynomials

Name: _____ Date: _____ Score: _____

$6x^2 - 9x^2 - 6x^2 - 5x^2 - 8x^2$

$x + 8x - 4(7x^3 - 4x) - x$

$9x^2 + 5x^2 - 2(2x^3 - 6x) - 8x^2$

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

$x + 7x + 2(6x^2 + 9x) + 7x$

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

$8x + 9x^3 + 3x^3 - 7x^2 + 5x^2$

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

$5x^3 + 8x^3 - 4(2x^2 - 5x^3) + 6x$

$5x + 6x^3 - x^3 + 9x^3 - 4x^3$

Simplifying Polynomials

Name: _____ Date: _____ Score: _____

$6x^2 - 9x^2 - 6x^2 - 5x^2 - 8x^2$

$-22x^2$

$x + 8x - 4(7x^3 - 4x) - x$

$-28x^3 + 24x$

$9x^2 + 5x^2 - 2(2x^3 - 6x) - 8x^2$

$-4x^3 + 6x^2 + 12x$

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

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

$x + 7x + 2(6x^2 + 9x) + 7x$

$12x^2 + 33x$

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

$7x^3 - 27x^2 + 12x$

$8x + 9x^3 + 3x^3 - 7x^2 + 5x^2$

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

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

$-19x^3 + 12x^2 + 6x$

$5x^3 + 8x^3 - 4(2x^2 - 5x^3) + 6x$

$33x^3 - 8x^2 + 6x$

$5x + 6x^3 - x^3 + 9x^3 - 4x^3$

$10x^3 + 5x$