Simplifying Polynomials

Name: _____ Date: _____ Score: _____

$6x^2 + 9x^2 + 8x^3 - 2(7x + 5x^3)$

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

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

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

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

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

$7x^2 - 8x - 9x + 3(x + 9x^2)$

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

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

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

Simplifying Polynomials

Name: _____ Date: _____ Score: _____

$6x^2 + 9x^2 + 8x^3 - 2(7x + 5x^3)$

$-2x^3 + 15x^2 - 14x$

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

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

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

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

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

$-24x^3 - 7x$

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

$-46x^3 - 5x^2 + x$

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

$-18x^3 + 24x^2 - 8x$

$7x^2 - 8x - 9x + 3(x + 9x^2)$

$34x^2 - 14x$

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

$2x^3 - 12x^2 - 11x$

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

$13x^3 - 8x^2 + x$

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

$25x^3 + 15x$