



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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