



## Simplifying Polynomials

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

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

$$7x^3 - 3x - 4(5x - 4x^2) - 3x$$

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

$$9x - 7x^2 - 3x^2 - 4(6x^3 + 5x^2)$$

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

$$x^2 + 7x - 4(5x^2 - 5x^3) + 6x$$

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

$$2x^2 + 4x^2 - 8x - 2(6x - 9x^3)$$

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

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