



## Simplifying Polynomials

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

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

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

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

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

$$9x^2 + 5x^2 + 4(8x^3 - 9x^2) + 7x^2$$

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

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

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

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

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

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