



## Simplifying Polynomials

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

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

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

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

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

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

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

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

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

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

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

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