



## Simplifying Polynomials

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

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

$$x + 8x^3 + 5x^2 + 3x^3 + 2x^3$$

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

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

$$x^3 - 6x^3 + 6x^3 + 5x^3 - 2x^3$$

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

$$9x^3 - 2x^2 - 3x^3 - 9x - 5x$$

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

$$8x + 8x^3 + 3x + 4x + 9x$$

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

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