



## Simplifying Polynomials

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

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

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

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

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

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

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

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

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

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

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

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



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

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

$$3(9x^2 - 8x^2) - 4x - 3x^3 + 8x^2$$
$$-3x^3 + 11x^2 - 4x$$

$$3x^3 - 8x^2 - 7x^2 + 2x + 7x$$
$$3x^3 - 15x^2 + 9x$$

$$9x^3 - x - 7x^3 + 7x^2 + 7x^2$$
$$2x^3 + 14x^2 - x$$

$$6x + 6x^3 + 7x^3 - 2(3x - 5x^2)$$
$$13x^3 + 10x^2$$

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

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

$$9x^2 + 5x^2 + 2x^3 + 8x - 2x^3$$
$$14x^2 + 8x$$

$$2(4x - 9x) + 6x^3 + 7x^3 - 6x$$
$$13x^3 - 16x$$

$$7x^3 - 5x^3 + 2(6x^3 + 9x^2) + 2x^2$$
$$14x^3 + 20x^2$$