



## Simplifying Polynomials

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

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

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

$$5x + 9x - 3x - 5x^3 - 4x^3$$

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

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

$$3x + 8x - 4x^2 + 7x^3 + 5x^2$$

$$3x^2 - 8x - 5x^3 - 6x^3 - 8x^3$$

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

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

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

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



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$$5x^2 - x - 4x^2 - 4(7x^2 + 9x^2)$$
$$-63x^2 - x$$

$$5x + 9x - 3x - 5x^3 - 4x^3$$
$$-9x^3 + 11x$$

$$4(5x - 9x^2) - 9x^2 + 3x^2 + 9x$$
$$-42x^2 + 29x$$

$$3(x + 3x) + 9x^2 + 8x + 2x$$
$$9x^2 + 22x$$

$$3x + 8x - 4x^2 + 7x^3 + 5x^2$$
$$7x^3 + x^2 + 11x$$

$$3x^2 - 8x - 5x^3 - 6x^3 - 8x^3$$
$$-19x^3 + 3x^2 - 8x$$

$$4(2x^2 - 2x) - 9x^3 + 7x + 8x^2$$
$$-9x^3 + 16x^2 - x$$

$$2(9x^2 + 6x^2) - 6x + 7x - 2x^3$$
$$-2x^3 + 30x^2 + x$$

$$7x - 3x^3 - 8x - 2x^2 - 8x^3$$
$$-11x^3 - 2x^2 - x$$

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