



## Simplifying Polynomials

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

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

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

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

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

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

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

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

$$2(6x^3 + 8x^2) + 7x^2 + 3x^2 - 4x$$

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

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

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



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$$4(4x^2 - 3x) - 7x^3 - 9x + 4x^3$$
$$-3x^3 + 16x^2 - 21x$$

$$3(9x^3 - 2x^3) + 5x + 5x^3 - x^3$$
$$25x^3 + 5x$$

$$7x - 6x + 6x^2 + 3(x^3 + 9x^2)$$
$$3x^3 + 33x^2 + x$$

$$2(2x^2 - 3x) + 8x^3 - 9x^2 + 8x^2$$
$$8x^3 + 3x^2 - 6x$$

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

$$2(8x + 5x) + 3x^3 - 9x + x^3$$
$$4x^3 + 17x$$

$$2(6x^3 + 8x^2) + 7x^2 + 3x^2 - 4x$$
$$12x^3 + 26x^2 - 4x$$

$$x - 9x^3 + 7x^3 - 7x^2 + 8x^3$$
$$6x^3 - 7x^2 + x$$

$$9x + 9x^3 + 2(x^2 - 6x^2) - x$$
$$9x^3 - 10x^2 + 8x$$

$$3x^3 + x - 3(8x^3 - 7x^2) - x^2$$
$$-21x^3 + 20x^2 + x$$