



## Simplifying Polynomials

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

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

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

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

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

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

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

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

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

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

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

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



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

$$3x + 4x^3 + 2(4x^3 + 2x^2) + 4x$$
$$12x^3 + 4x^2 + 7x$$

$$2x + 7x + 4x^2 + 3(6x^3 + 2x^3)$$
$$24x^3 + 4x^2 + 9x$$

$$4x^3 - x + 6x^2 + 4(8x^2 + x^2)$$
$$4x^3 + 42x^2 - x$$

$$4x^2 + 2x + 4x^3 + 2(3x^2 - 3x)$$
$$4x^3 + 10x^2 - 4x$$

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

$$2(x - 7x^3) + 2x - 6x^3 + 3x^3$$
$$-17x^3 + 4x$$

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

$$3(3x^3 - 2x^3) + 7x - x^2 + 7x^3$$
$$10x^3 - x^2 + 7x$$

$$4(2x^3 - 6x) + 8x^3 - 5x + 8x$$
$$16x^3 - 21x$$