

## Simplifying Polynomials

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

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

$$6x^2 + 9x^2 + 8x^3 - 2(7x + 5x^3)$$

$$9x + 7x^2 - 3x^2 - 5x^3 - 8x$$

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

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

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

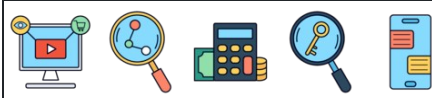
$$6x^3 + 3x^3 - 8x - 3(9x^3 - 8x^2)$$

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

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

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

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



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$$6x^2 + 9x^2 + 8x^3 - 2(7x + 5x^3)$$
$$-2x^3 + 15x^2 - 14x$$

$$9x + 7x^2 - 3x^2 - 5x^3 - 8x$$
$$-5x^3 + 4x^2 + x$$

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

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

$$x + 2x^3 - 4(6x^3 + 6x^3) - 5x^2$$
$$-46x^3 - 5x^2 + x$$

$$6x^3 + 3x^3 - 8x - 3(9x^3 - 8x^2)$$
$$-18x^3 + 24x^2 - 8x$$

$$7x^2 - 8x - 9x + 3(x + 9x^2)$$
$$34x^2 - 14x$$

$$6x - 5x + 2x^3 - 4(3x^2 + 3x)$$
$$2x^3 - 12x^2 - 11x$$

$$4(3x^3 + x) - 8x^2 + x^3 - 3x$$
$$13x^3 - 8x^2 + x$$

$$9x^3 + 9x + 6x + 2(6x^3 + 2x^3)$$
$$25x^3 + 15x$$