



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

$$3(5x + 4x^3) + 8x - 7x - 8x^3$$

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

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

$$4x^3 - 6x^2 + x^2 + 6x^2 - 3x^2$$

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

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

$$2(5x^2 + 7x^2) + 9x^3 + x^3 + 4x^2$$

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

$$9x - 6x^2 + x + 5x - 2x^3$$

$$x^3 - 4x^3 - 4x^3 + 3x + 6x$$



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$$3(5x + 4x^3) + 8x - 7x - 8x^3$$
$$4x^3 + 16x$$

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

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

$$4x^3 - 6x^2 + x^2 + 6x^2 - 3x^2$$
$$4x^3 - 2x^2$$

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

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

$$2(5x^2 + 7x^2) + 9x^3 + x^3 + 4x^2$$
$$10x^3 + 28x^2$$

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

$$9x - 6x^2 + x + 5x - 2x^3$$
$$-2x^3 - 6x^2 + 15x$$

$$x^3 - 4x^3 - 4x^3 + 3x + 6x$$
$$-7x^3 + 9x$$