



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

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

$$5x^2 - 7x - 9x + 4x + 6x^3$$

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

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

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

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

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

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

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

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



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$$9x + 9x^3 + 4(2x - 2x) + 9x$$
$$9x^3 + 18x$$

$$5x^2 - 7x - 9x + 4x + 6x^3$$
$$6x^3 + 5x^2 - 12x$$

$$7x - x + x^2 + 2(8x^2 - 3x^3)$$
$$-6x^3 + 17x^2 + 6x$$

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

$$5x^3 - 6x^2 + 2(x^3 - 8x) + 7x^3$$
$$14x^3 - 6x^2 - 16x$$

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

$$2(x^3 + 7x^2) + 2x^3 + 5x^2 - 7x^3$$
$$-3x^3 + 19x^2$$

$$9x^2 - 2x^3 - 3(5x + 9x^3) + 7x^2$$
$$-29x^3 + 16x^2 - 15x$$

$$4x^3 - 7x + 6x^3 + 4(2x^3 + 6x^2)$$
$$18x^3 + 24x^2 - 7x$$

$$2(3x + 4x^3) + 9x^2 + x + 7x$$
$$8x^3 + 9x^2 + 14x$$