



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

$$9x^2 - 4x + 3(3x^2 - 6x^3) + 2x^2$$



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$$x^2 - x^2 + 7x + 4(x + x^3)$$
$$4x^3 + 11x$$

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

$$3(5x^3 - x^3) + 6x - x^3 + x$$
$$11x^3 + 7x$$

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

$$7x^3 - 5x^3 + 2x^2 + 2(5x + 4x)$$
$$2x^3 + 2x^2 + 18x$$

$$4x^3 + 7x^3 + 2x^3 + 3x - 6x^2$$
$$13x^3 - 6x^2 + 3x$$

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

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

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

$$9x^2 - 4x + 3(3x^2 - 6x^3) + 2x^2$$
$$-18x^3 + 20x^2 - 4x$$