



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

$$9x^2 + 8x^3 + 6x^3 + 3x^2 + 4x^3$$

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

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

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

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

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

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

$$8x^2 + 6x - 5x^2 - 2x^3 + x^3$$

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

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



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$$9x^2 + 8x^3 + 6x^3 + 3x^2 + 4x^3$$
$$18x^3 + 12x^2$$

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

$$6x^3 + x - 4(3x - 7x^3) - x$$
$$34x^3 - 12x$$

$$5x^3 - 5x - 3(2x^3 - 9x^3) - x^2$$
$$26x^3 - x^2 - 5x$$

$$3x + 6x^2 - 2x^3 - 8x^3 - 4x$$
$$-10x^3 + 6x^2 - x$$

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

$$6x^3 + 2x + x^3 + 2(9x^2 + x)$$
$$7x^3 + 18x^2 + 4x$$

$$8x^2 + 6x - 5x^2 - 2x^3 + x^3$$
$$-x^3 + 3x^2 + 6x$$

$$2(4x^3 - 9x^2) + 4x^3 + 7x^3 + 5x^2$$
$$19x^3 - 13x^2$$

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