



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

$$4(8x^3 + 2x) + 4x^2 - 7x^2 - 3x^3$$

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

$$3(2x^3 + 8x^2) + 4x^3 - 5x^3 - 5x$$

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

$$3(2x^2 + 5x^2) - 6x^2 + 8x - 4x$$

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

$$9x^3 - 6x - 7x + 2x^2 - 8x$$

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

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

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



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$$4(8x^3 + 2x) + 4x^2 - 7x^2 - 3x^3$$
$$29x^3 - 3x^2 + 8x$$

$$3(9x^3 + 6x^3) - x + 9x^3 - 4x$$
$$54x^3 - 5x$$

$$3(2x^3 + 8x^2) + 4x^3 - 5x^3 - 5x$$
$$5x^3 + 24x^2 - 5x$$

$$x^3 - 9x^2 + 3(x^2 + 6x) - x$$
$$x^3 - 6x^2 + 17x$$

$$3(2x^2 + 5x^2) - 6x^2 + 8x - 4x$$
$$15x^2 + 4x$$

$$4(7x - 9x^2) - 4x^3 + 9x^3 + 8x$$
$$5x^3 - 36x^2 + 36x$$

$$9x^3 - 6x - 7x + 2x^2 - 8x$$
$$9x^3 + 2x^2 - 21x$$

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

$$7x^3 - 3x^2 - 8x^2 + 6x^3 - x^2$$
$$13x^3 - 12x^2$$

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