



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

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

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

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

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

$$2x^3 - 9x^2 + 6x^3 + 4(8x - 2x^2)$$

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

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

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

$$4(5x^2 - x^2) + 9x + 6x^2 - 7x^2$$

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



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$$3x^2 - 5x^3 + 4(3x^2 - 7x^2) - x^3$$
$$-6x^3 - 13x^2$$

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

$$4x^2 - 8x^2 - 8x + 3(x^2 + 7x^2)$$
$$20x^2 - 8x$$

$$4(8x^2 + 7x^2) - x^2 - 2x^2 + 5x^3$$
$$5x^3 + 57x^2$$

$$2x^3 - 9x^2 + 6x^3 + 4(8x - 2x^2)$$
$$8x^3 - 17x^2 + 32x$$

$$2x^2 + 9x - 6x - 4(3x^2 - 4x^3)$$
$$16x^3 - 10x^2 + 3x$$

$$9x^3 - 5x - 9x^2 - 4(5x^3 + 5x^2)$$
$$-11x^3 - 29x^2 - 5x$$

$$2(x^3 - 5x) + 6x - 7x + 8x^2$$
$$2x^3 + 8x^2 - 11x$$

$$4(5x^2 - x^2) + 9x + 6x^2 - 7x^2$$
$$15x^2 + 9x$$

$$2(4x + 9x^3) - 6x - 6x^2 - 9x^2$$
$$18x^3 - 15x^2 + 2x$$