



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

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

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

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

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

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

$$7x + 9x^3 - 5x - 8x^3 + 9x^3$$

$$9x^3 - 2x^2 + 6x^3 - 5x^2 + 8x^2$$

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

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

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



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$$9x^3 - 9x + 4(4x - 7x) - 7x^2$$
$$9x^3 - 7x^2 - 21x$$

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

$$7x^2 + x - 2(6x - 7x^3) + 3x^2$$
$$14x^3 + 10x^2 - 11x$$

$$8x + 3x + 4(3x^2 + 3x^3) - 5x$$
$$12x^3 + 12x^2 + 6x$$

$$4x^2 + x^3 + 2(4x^2 + 8x) + 4x^3$$
$$5x^3 + 12x^2 + 16x$$

$$7x + 9x^3 - 5x - 8x^3 + 9x^3$$
$$10x^3 + 2x$$

$$9x^3 - 2x^2 + 6x^3 - 5x^2 + 8x^2$$
$$15x^3 + x^2$$

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

$$3x^2 - 2x^3 + 4(x^3 + 5x) - 3x$$
$$2x^3 + 3x^2 + 17x$$

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