



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

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

$$4(7x^2 + 9x^2) - 7x^2 + 8x^3 - 6x^2$$

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

$$7x^3 + 2x^3 + x + 5x^3 - 3x^2$$

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

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

$$x + 7x^3 - 5x + 7x - 3x^2$$

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

$$7x^3 + 6x - 5x^3 + 2(8x + 9x^2)$$

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



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$$9x^3 + 3x^2 - 4(2x + 5x) + 9x^2$$
$$9x^3 + 12x^2 - 28x$$

$$4(7x^2 + 9x^2) - 7x^2 + 8x^3 - 6x^2$$
$$8x^3 + 51x^2$$

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

$$7x^3 + 2x^3 + x + 5x^3 - 3x^2$$
$$14x^3 - 3x^2 + x$$

$$5x^3 + x^3 - 4x^2 - 4x^2 + 8x^3$$
$$14x^3 - 8x^2$$

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

$$x + 7x^3 - 5x + 7x - 3x^2$$
$$7x^3 - 3x^2 + 3x$$

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

$$7x^3 + 6x - 5x^3 + 2(8x + 9x^2)$$
$$2x^3 + 18x^2 + 22x$$

$$5x^3 - 8x^2 - 2(x^3 - 5x) + 7x^2$$
$$3x^3 - x^2 + 10x$$