



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

$$x^3 + 3x^3 + 8x^3 + 3x^3 + 8x$$

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



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$$6x - 4x - 5x^2 - 4x^2 + 4x^3$$
$$4x^3 - 9x^2 + 2x$$

$$8x^3 - 7x^2 + 7x^3 - 7x^2 - 4x$$
$$15x^3 - 14x^2 - 4x$$

$$4x^2 + 2x - 4(2x^3 + 3x^3) - 5x^2$$
$$-20x^3 - x^2 + 2x$$

$$8x - 2x^2 - 4(2x^2 - 5x^2) + 6x^2$$
$$16x^2 + 8x$$

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

$$x^3 + 3x^3 + 2(8x + x^2) + 5x^3$$
$$9x^3 + 2x^2 + 16x$$

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

$$8x - x^3 + 6x - 4(3x - 5x^3)$$
$$19x^3 + 2x$$

$$x^3 + 3x^3 + 8x^3 + 3x^3 + 8x$$
$$15x^3 + 8x$$

$$4(5x^3 + 2x^2) - 2x + 2x^3 - 9x^3$$
$$13x^3 + 8x^2 - 2x$$