



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

$$6x^3 + x + 3(5x^3 + 7x) + 7x$$

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

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

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

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

$$4(x^3 - 5x) + 9x + 8x^2 + 6x^3$$

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

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

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

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



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$$6x^3 + x + 3(5x^3 + 7x) + 7x$$
$$21x^3 + 29x$$

$$7x^2 - x^2 + 4(4x - 5x) + 4x^2$$
$$10x^2 - 4x$$

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

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

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

$$4(x^3 - 5x) + 9x + 8x^2 + 6x^3$$
$$10x^3 + 8x^2 - 11x$$

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

$$7x^3 - 4x^3 + 7x - 2(9x + 2x^3)$$
$$-x^3 - 11x$$

$$3x^2 - 5x - 3(6x - 6x^2) + 8x^2$$
$$29x^2 - 23x$$

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