



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

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

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

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

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

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

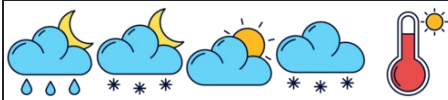
$$4x^2 + 4x^3 - 9x^3 + 9x^3 + 9x^2$$

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

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

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

$$8x - 5x^3 - 4x^3 - 8x^2 + 9x^3$$



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$$3x + 7x + 3(x^2 + 7x) - 3x$$
$$3x^2 + 28x$$

$$4(3x^2 + x) - 3x^3 + 7x^3 + 6x$$
$$4x^3 + 12x^2 + 10x$$

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

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

$$2x^3 + x - 4(2x + 9x^2) + 6x^2$$
$$2x^3 - 30x^2 - 7x$$

$$4x^2 + 4x^3 - 9x^3 + 9x^3 + 9x^2$$
$$4x^3 + 13x^2$$

$$9x + 6x + 7x^3 - 9x^2 - 6x^2$$
$$7x^3 - 15x^2 + 15x$$

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

$$9x^3 - 5x + 8x + 3(4x + 3x^3)$$
$$18x^3 + 15x$$

$$8x - 5x^3 - 4x^3 - 8x^2 + 9x^3$$
$$-8x^2 + 8x$$