



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

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

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

$$3x^2 + 4x^3 - 6x - 5x^3 + 8x^3$$

$$6x + x^2 - 4x + 7x^2 - 7x$$

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

$$7x^3 + 8x + x^2 + 9x^3 - 4x^3$$

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

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

$$7x - 5x^3 + 7x^2 - 4(6x^3 - 7x^3)$$

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



Simplifying Polynomials

Name: _____

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$$9x^2 - 3x^2 + 9x + 4x + 9x$$
$$6x^2 + 22x$$

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

$$3x^2 + 4x^3 - 6x - 5x^3 + 8x^3$$
$$7x^3 + 3x^2 - 6x$$

$$6x + x^2 - 4x + 7x^2 - 7x$$
$$8x^2 - 5x$$

$$7x + 5x + 2x^2 - 8x^3 - 9x^2$$
$$-8x^3 - 7x^2 + 12x$$

$$7x^3 + 8x + x^2 + 9x^3 - 4x^3$$
$$12x^3 + x^2 + 8x$$

$$3x^2 + 5x^3 - 3x^3 - 4(2x + 8x^2)$$
$$2x^3 - 29x^2 - 8x$$

$$3x^2 + 4x + 5x - 7x^2 - 4x^3$$
$$-4x^3 - 4x^2 + 9x$$

$$7x - 5x^3 + 7x^2 - 4(6x^3 - 7x^3)$$
$$-x^3 + 7x^2 + 7x$$

$$2x^3 + 8x^3 + 4(4x + 9x^3) + 6x^2$$
$$46x^3 + 6x^2 + 16x$$