



# Algebra 1 Workbook

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Like terms

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MATH

## ADDING AND SUBTRACTING LIKE TERMS

■ 1. Give an example of like terms.

■ 2. Simplify the expression.

$$-x + 6x - 8x + 3x$$

■ 3. What stays the same when adding or subtracting like terms?

■ 4. Simplify the expression.

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



## MULTIPLYING AND DIVIDING LIKE TERMS

- 1. Simplify the expression.

$$\frac{x^2(-x + 3x^3 + 2x^2)}{x^3}$$

- 2. Simplify the expression.

$$\frac{(2x + 1)(x^2 - x - 4)}{2x}$$

- 3. Simplify the expression.

$$\frac{6x^a}{3x^b}$$

- 4. Simplify the expression.

$$3x^a \cdot 5x^b$$



