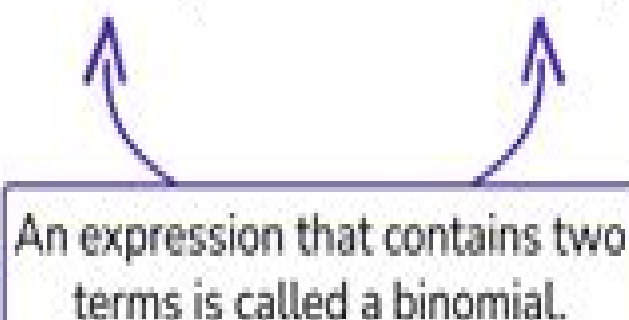


# Algebraic Expressions

An **algebraic expression** is a single term or a set of terms that are combined using addition (+), subtraction (-), multiplication (x) and division (÷)

## Examples

$$3x \qquad 2x + 3y \qquad 2 - 5y^2 \qquad 2x + 3y - 5$$



An expression that contains two terms is called a binomial.

# Algebraic Expressions And Answers

**Tao Wei**



## **Algebraic Expressions And Answers:**

**The "Write" Way Mathematics Journal Prompts & More, Algebra II**, 2006      Algebra I Workbook For Dummies  
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definitions into the equation for power  $P = \frac{dU}{dt} = \frac{dQ}{dt} V$  electrical power is the product of voltage times current

in units of watts

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just add up the parts of the cycle and double each to get the total  $E_{\text{pt}} = 2 \times 1825 \text{ v} \times 7.5 \text{ a} \times 30 \text{ s} = 240 \text{ v} \times 1.5 \text{ a} \times 60 \text{ s} = 864 \text{ 000 j}$

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assuming negligible losses of energy between the top of the slide and his approach to the bottom of the slide h = 0 m determine

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