

## Chapter 13 – Algebra: Perimeter and Area

### quadrilateral

A polygon with four sides and four angles.

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### formula

A set of symbols that expresses a mathematical rule

#### ***Example:***

formula for area of a rectangle:

Area = length x width

or

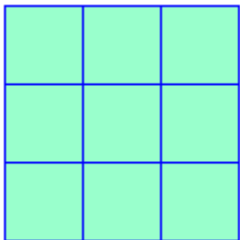
$A = l \times w$

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### area

The number of [square units](#) needed to cover a surface

#### ***Example:***



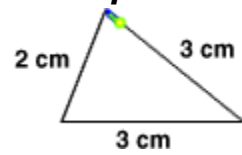
area = 9 square units

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## perimeter

The distance around a figure

**Example:**



$$2 \text{ cm} + 3 \text{ cm} + 3 \text{ cm} = 8 \text{ cm}$$

The perimeter of this figure is 8 centimeters.

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