

Grade 5: Chapter 11 Vocabulary

base (arithmetic)

A number used as a repeated factor.

Example:

$8^3 = 8 \times 8 \times 8$. The base is 8.

congruent

Having the same size and shape

Example:

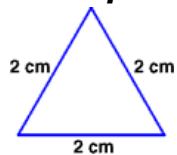


The triangles are congruent.

equilateral triangle

A triangle with three [congruent](#) sides

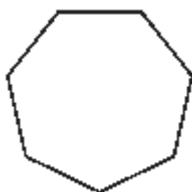
Example:



heptagon

A polygon with 7 sides

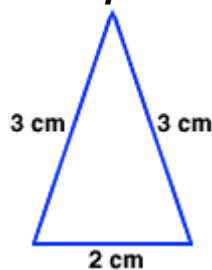
Example:



isosceles triangle

A [triangle](#) with exactly two [congruent](#) sides.

Example:

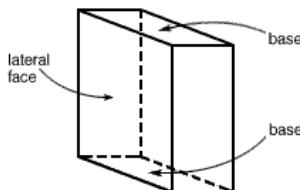


lateral face

Any surface of a polyhedron
other than a base

Example:

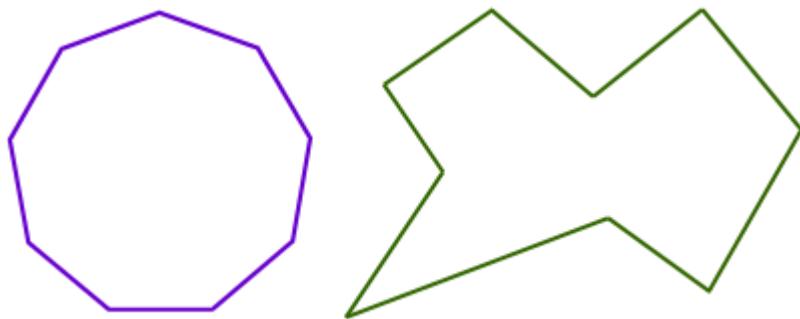
Rectangular Prism



nonagon

A closed plane figure bounded by nine straight lines that
form nine interior angles

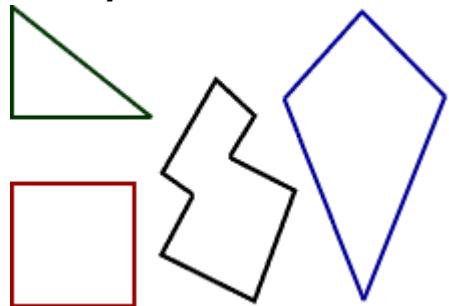
Example:



polygon

A closed [plane figure](#) formed by three or more [line segments](#)

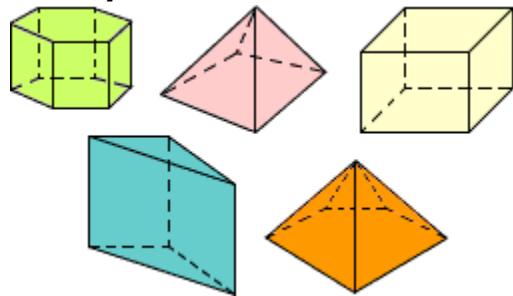
Examples:



polyhedron

A [solid figure](#) with [faces](#) that are [polygons](#).

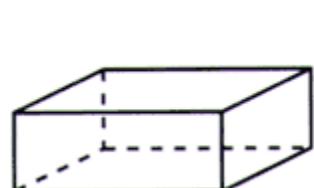
Examples:



prism

A [solid figure](#) that has two [congruent](#), [polygon](#)-shaped [bases](#), and other [faces](#) that are all [rectangles](#)

Examples:



rectangular prism

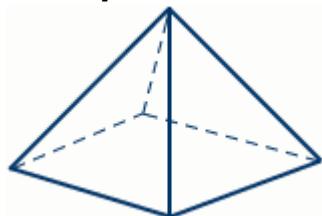


triangular prism

pyramid

A [solid figure](#) with a [polygon base](#) and all other [faces triangles](#) that meet at a common [vertex](#).

Example:

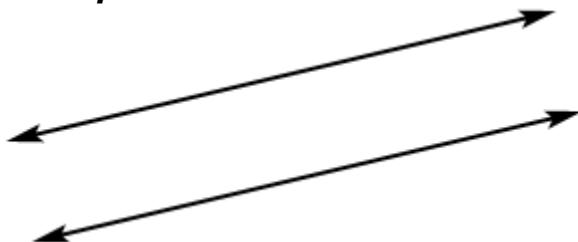


This is a square pyramid

parallel lines

[Lines](#) in the same [plane](#) that never [intersect](#) and are always the same distance apart.

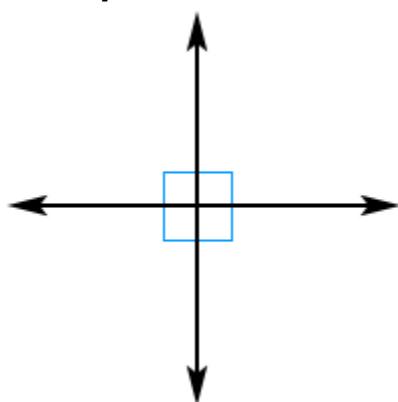
Example:



perpendicular lines

Two [lines](#) that [intersect](#) to form four [right angles](#)

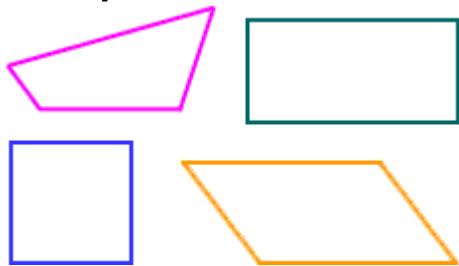
Example:



quadrilateral

A [polygon](#) with four sides

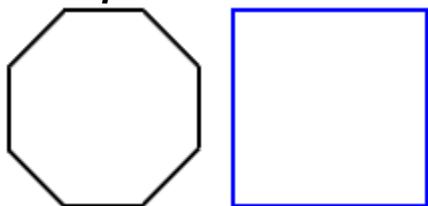
Examples:



regular polygon

A [polygon](#) in which all sides are [congruent](#) and all [angles](#) are congruent

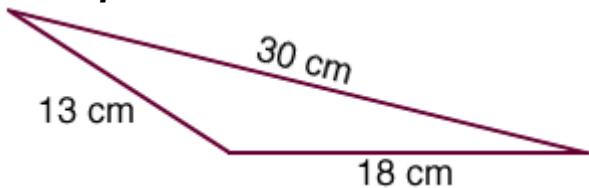
Examples:



scalene triangle

A [triangle](#) with no [congruent](#) sides

Example:



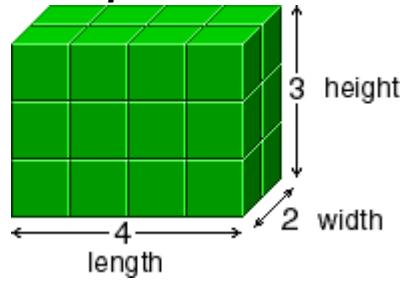
unit cube

A cube that has a length, width, and height of 1 unit

volume

The measure of the amount of space a [solid figure](#) occupies

Example:



The volume of this figure is 24 cubic