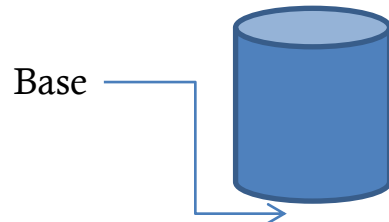


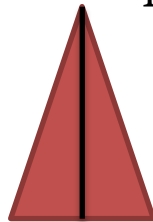
Base

One face of a three-dimensional solid- often thought of as the surface of which the solid rests.



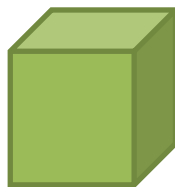
Bisect

Divide into two equal parts.



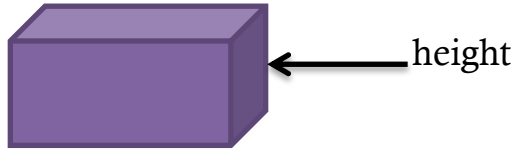
Cubic Units

Cubes of the same size used for measuring volume.



Height

Adjacent layers of the base that form a rectangular prism.

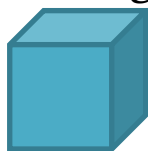


Hierarchy

Series of ordered groupings of shapes.

Unit Cube

Cube whose sides all measure 1 unit; cubes of the same size used for measuring volume.



Volume of a solid

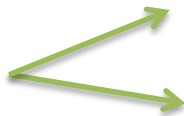
Measurement of space or capacity.

Example: $L \times W \times H$



Angle

The union of two different rays sharing a common vertex.



Area

The number of square units that covers a two-dimensional shape.

Area = length \times width



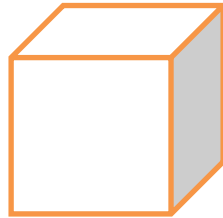
Attribute

Given quality or characteristic.

Example: four sides, right angle, parallel lines, etc.

Cube

Three dimensional figure with six square sides.



Degree measure of an angle

Subdivide the length around a circle into 360 arcs of equal length; a central angle for any of these arcs is called a one degree angle and is said to have an angle measure of 1 degree.

Face

Any flat surface of a three-dimensional figure.

Example: A cube has 6 square faces.

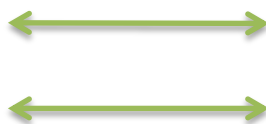
Kite

Quadrilateral with two pairs of two equal sides that are also adjacent; a kite can be a rhombus if all sides are equal.



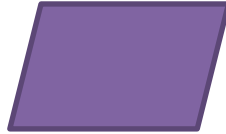
Parallel Lines

Two lines in a plane that do not intersect.



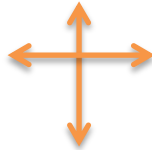
Parallelogram

Four-sided closed figure with opposite sides that are parallel and equal.



Perpendicular

Two lines are perpendicular if they intersect, and any of the angles formed between the lines are 90 degrees.



Perpendicular bisector

Line that cuts a line segment into two equal parts at 90 degrees.

Plane

Flat surface that extends infinitely in all directions.

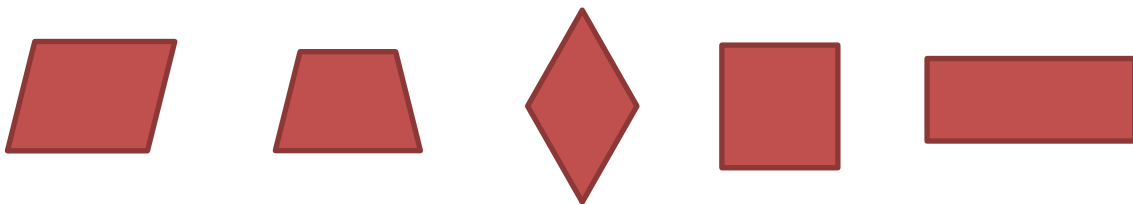
Polygon

Closed figure made up of line segments.



Quadrilateral

Closed figure with four sides.



Rectangle

Parallelogram with four 90 degree angles.



Rectangular Prism

Three-dimensional figure with six rectangular sides.



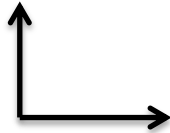
Rhombus

Parallelogram with four equal sides.



Right angle

Angle formed by perpendicular lines, angle measures 90 degrees.



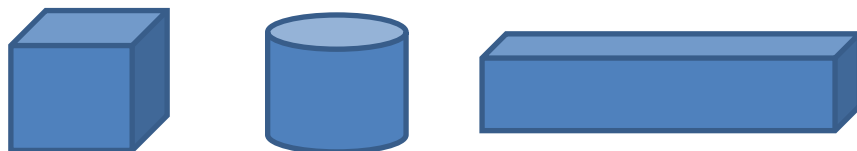
Right rectangular prism

Rectangular prism with only 90 degree angles.



Solid Figure

Three dimensional figure.



Square units

Squares of the same size- used for measuring.



Trapezoid

Quadrilateral with at least one pair of parallel sides.



Two- dimensional figures

Figures on a plane.

