angle

right angle
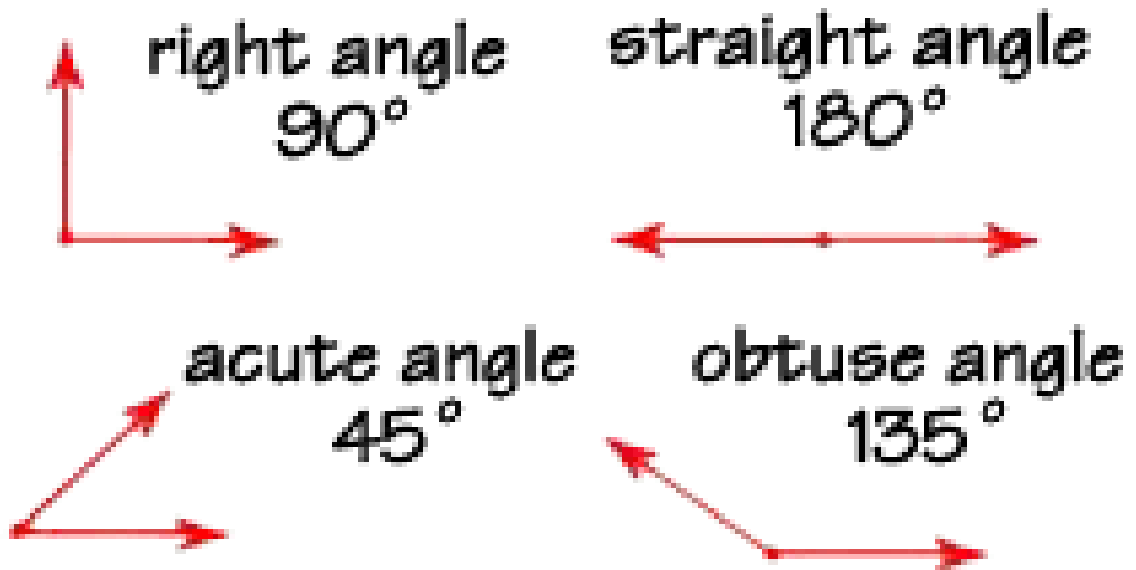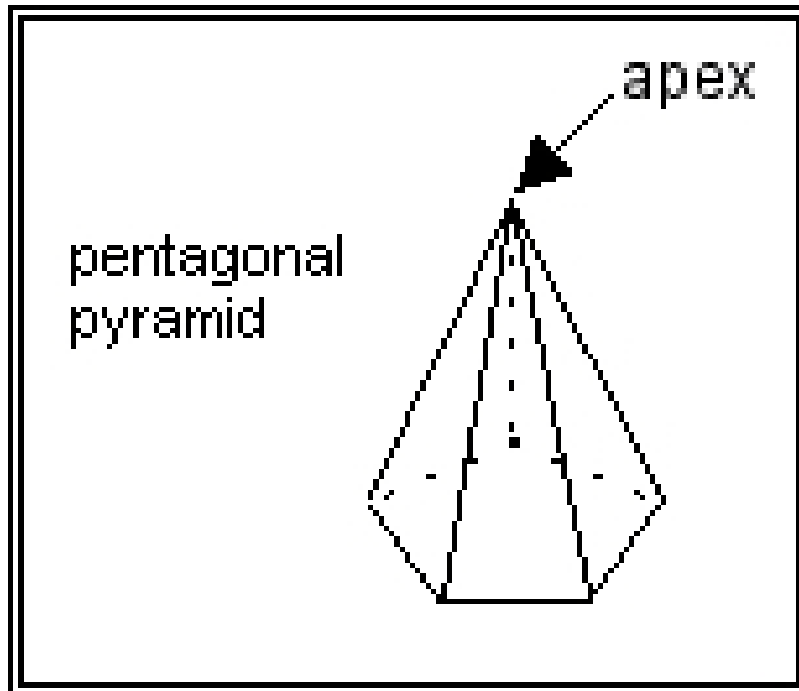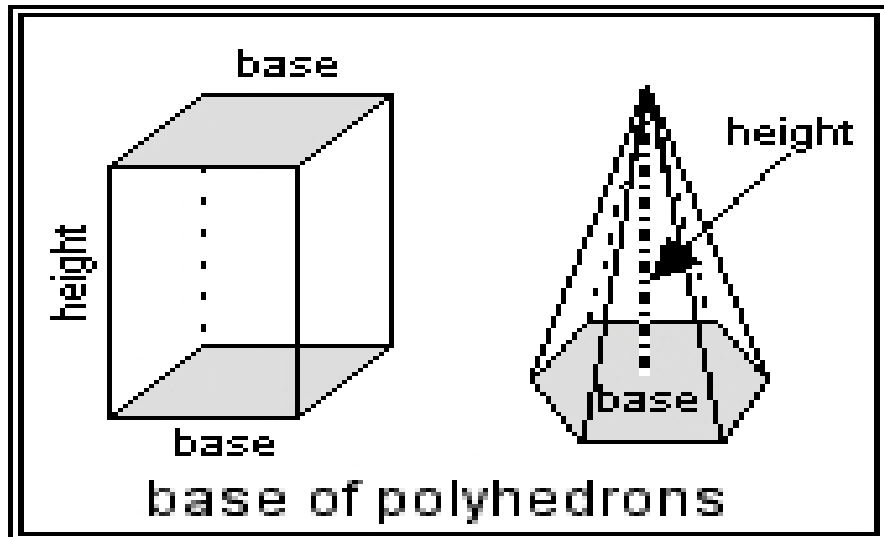90°

straight angle
180°

acute angle
45°

obtuse angle
135°

A figure that is formed by two rays or two line segments with a common endpoint.

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3rd Grade Everyday Math Unit 6 Vocabulary

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apex

pentagonal pyramid

apex

In a pyramid or cone, the vertex that is opposite the base.
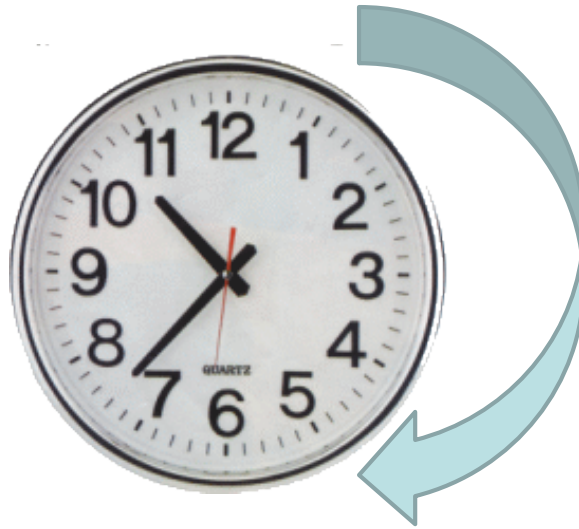
base

base

base of polyhedrons
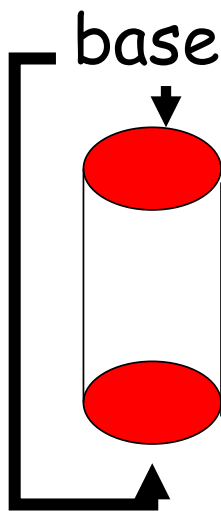
1. Any side of a polygon, usually used, along with the altitude perpendicular to it, for computing area.

2. The flat face of faces that define the shape when classifying polyhedrons.
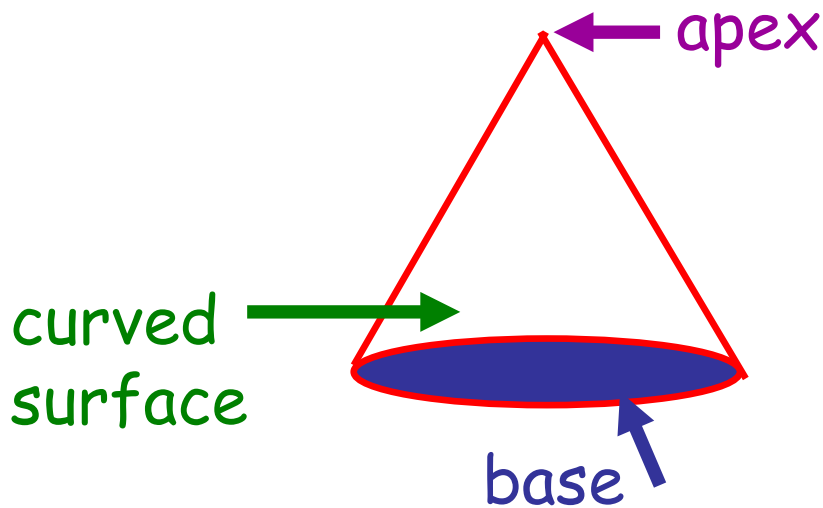
base of 3-dimensional figure
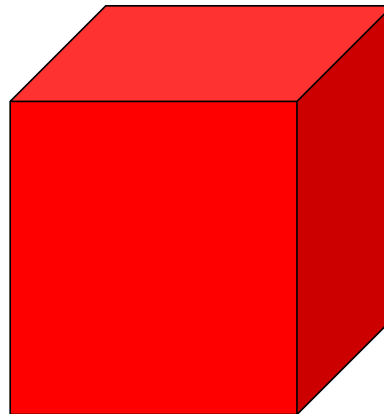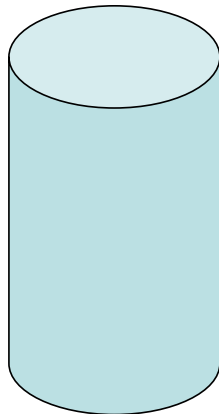
One face or a pair of faces on the figure. The height is the length of a line segment drawn perpendicular to a base of the figure that extends from the base to the opposite face or vertex.
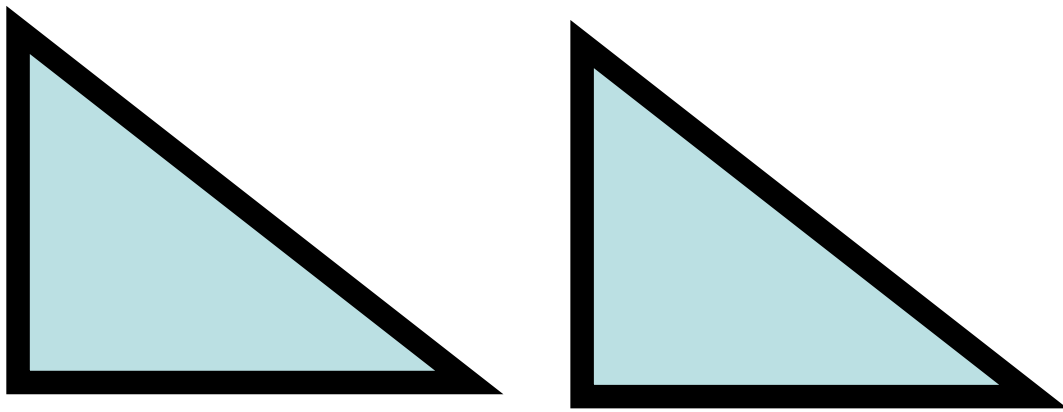
clockwise

The direction the hands move on a clock (to the right).

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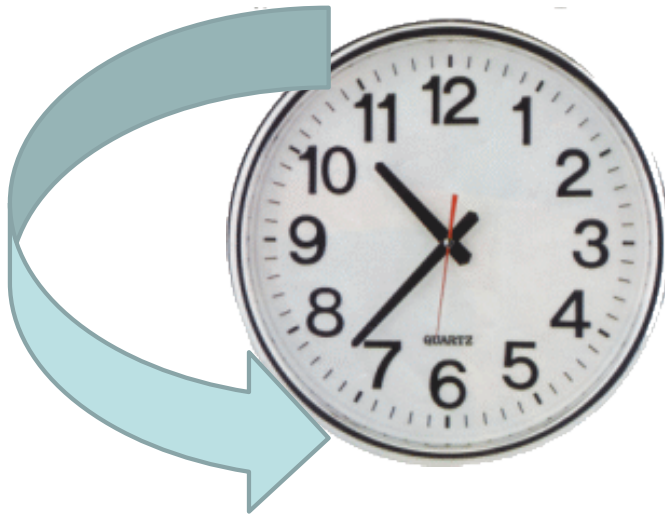
cone

apex

curved surface

base

A 3-dimensional shape having a circular base, a curved surface, and one vertex, called the apex.

congruent

Two figures that are identical— the same size and shape.
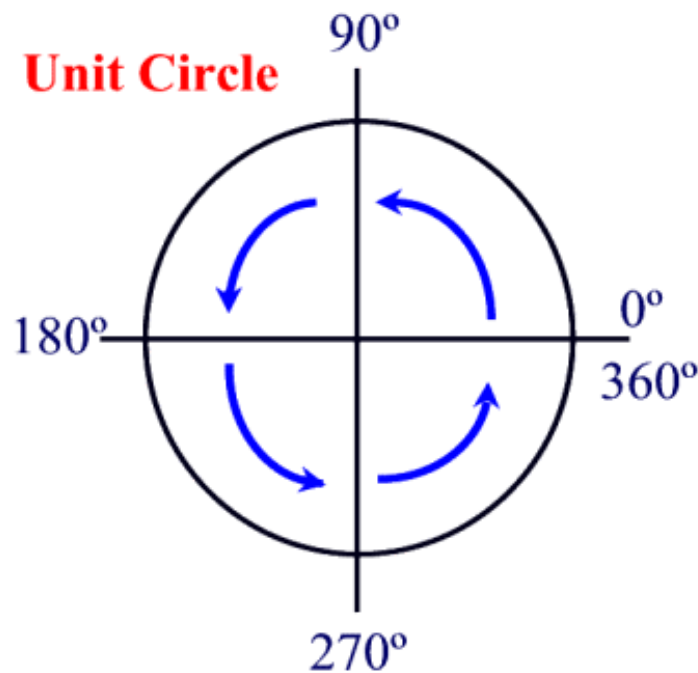
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counterclockwise

The opposite direction the hands move on a clock (to the left).
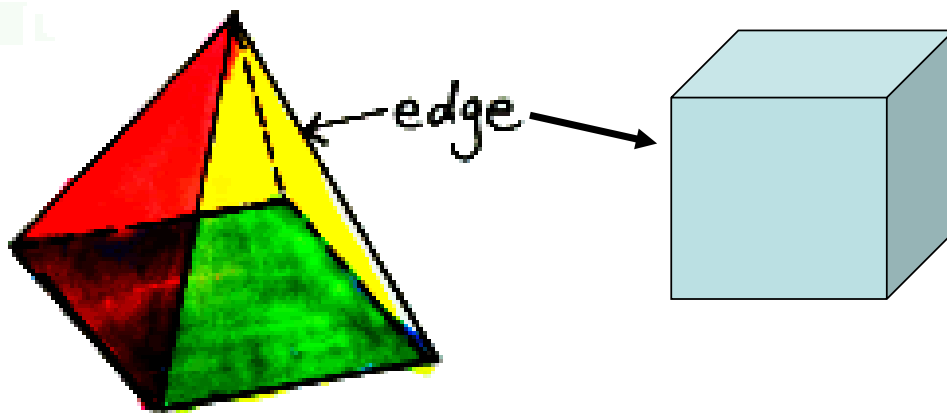
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cylinder
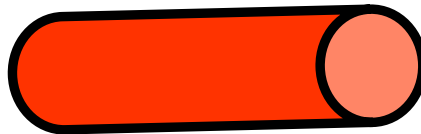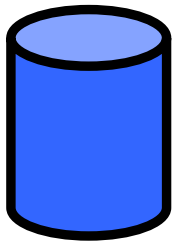
A 3-dimensional shape having a curved surface and parallel circular or elliptical bases that are the same size.

Greeley-Evans
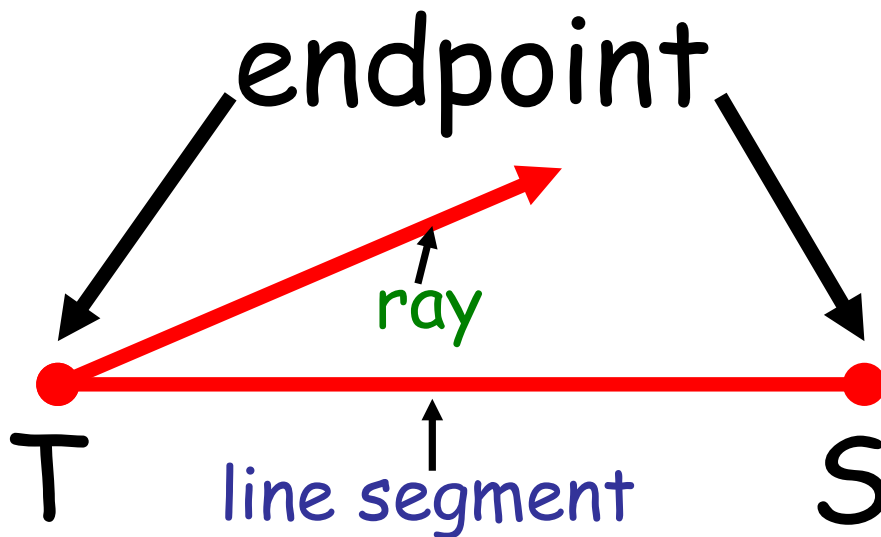WELD COUNTY SCHOOL DISTRICT 6

degree (°)

Unit Circle

A unit of measure for angles; based on dividing a circle into 360 equal parts.

edge

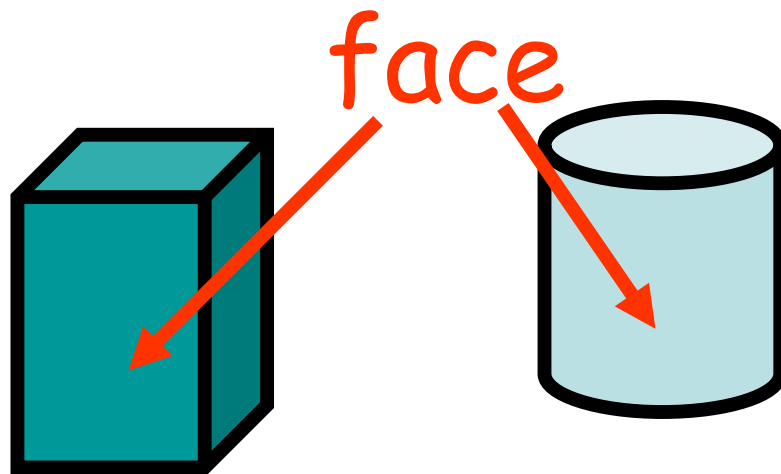A line segment where two faces of a polyhedron meet.

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endpoint

endpoint

T   line segment   S

ray

The point at the end of a line segment or ray.

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equilateral triangle
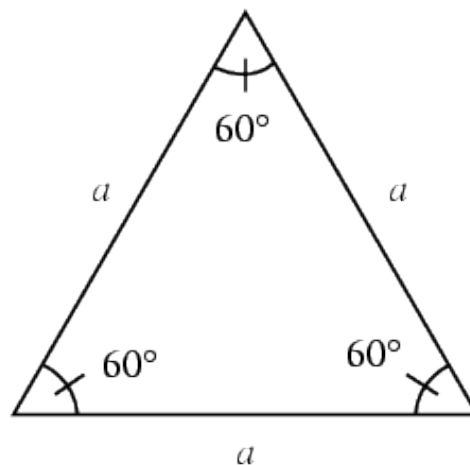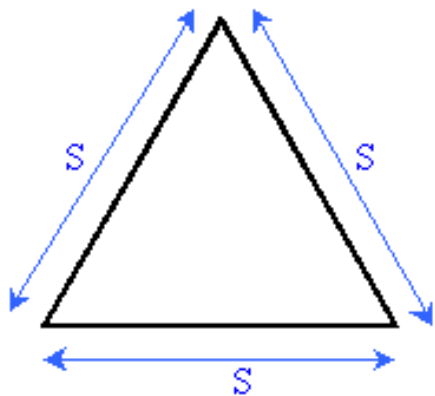
A polygon in which all sides are the same length.

face

face
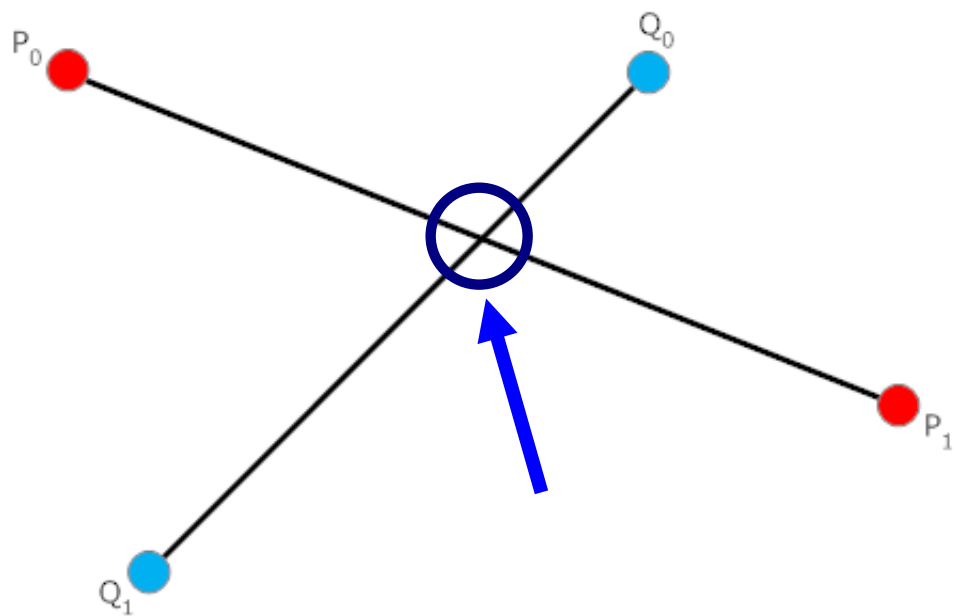
A flat surface that bounds a 3-dimensional shape.

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geometric solid

Solid Figures

The faces of these solid figures are polygons.

Cube Rectangular Prism Triangular Prism

Square Pyramid Triangular Pyramid

These solid figures are not made up of polygons.

Cylinder Cone

Sphere
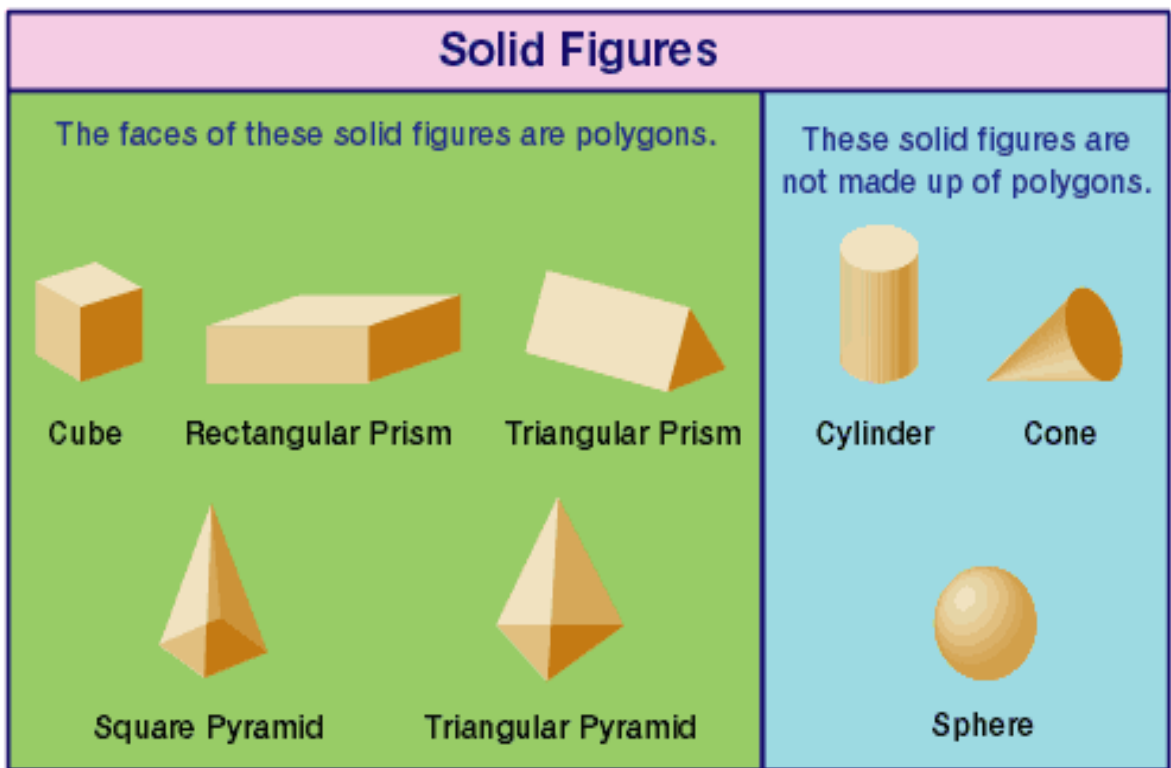
A 3-dimensional shape bounded by surfaces.

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geometry

The study of spatial objects and their properties and relationships.

intersect

To meet (at a point, line, and so on).

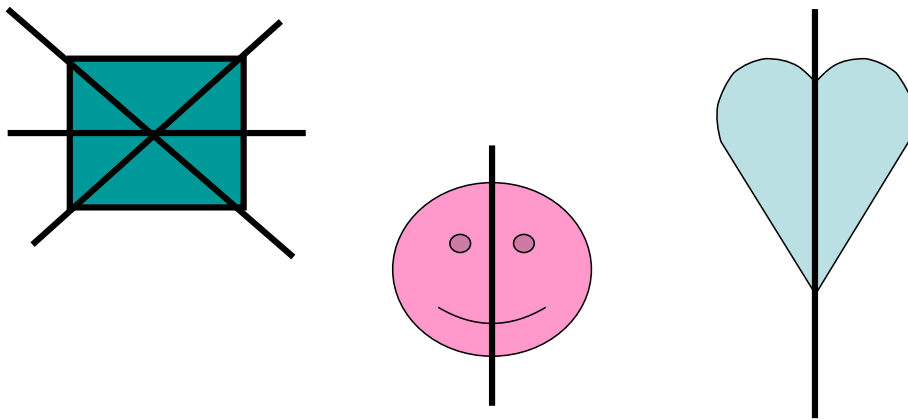Greeley-Evans
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kite
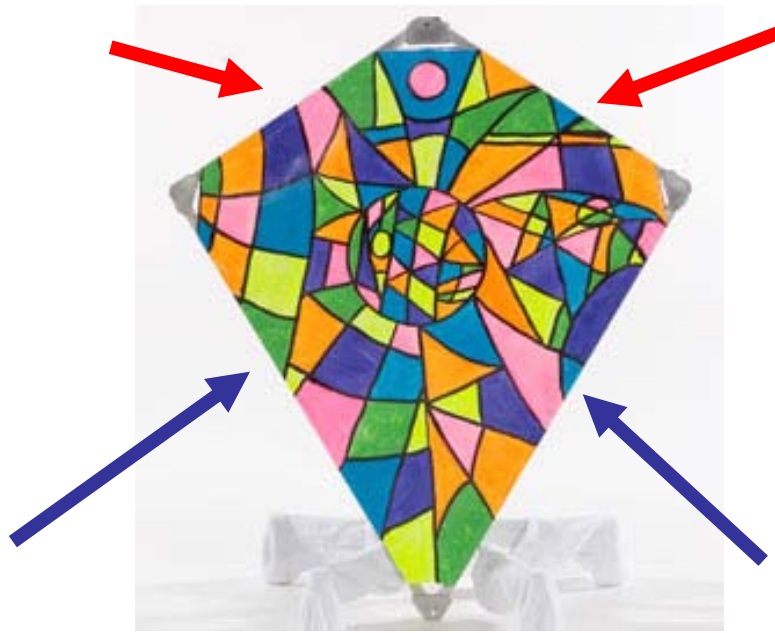
A quadrilateral with two pairs of adjacent sides that are the same length.

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line (⟷)

A number line with points marked at -4, -3, -2, -1, 0, 1, 2, 3, 4.
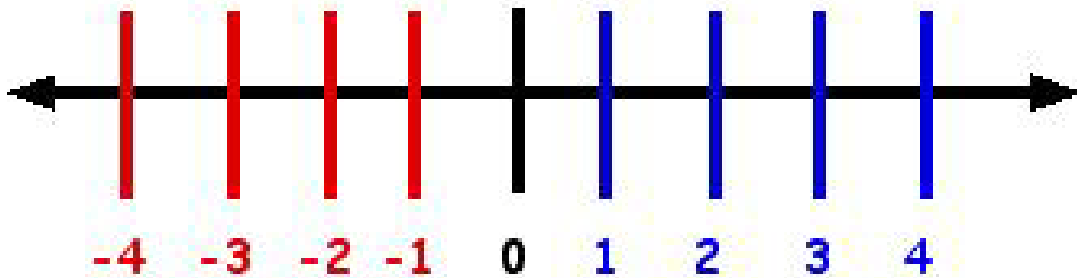
A straight path that extends infinitely in opposite directions.

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line of symmetry

A line that divides a figure into two halves that are mirror images.

line segment

$$(\overline{})$$

A   B

$\overline{A}\ \overline{B}$ $\overline{B}\ \overline{A}$

A straight path joining two points called endpoints of the line segment.

mirror image

Line of Reflection

A figure that has the same size and shape, but in opposite directions.

parallel
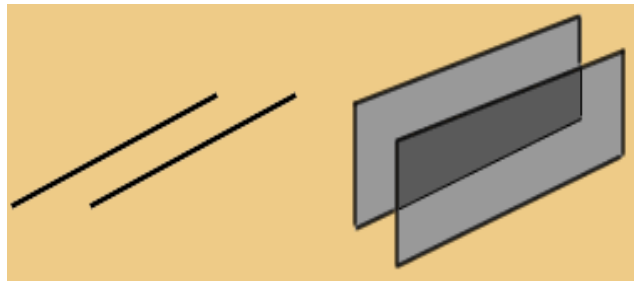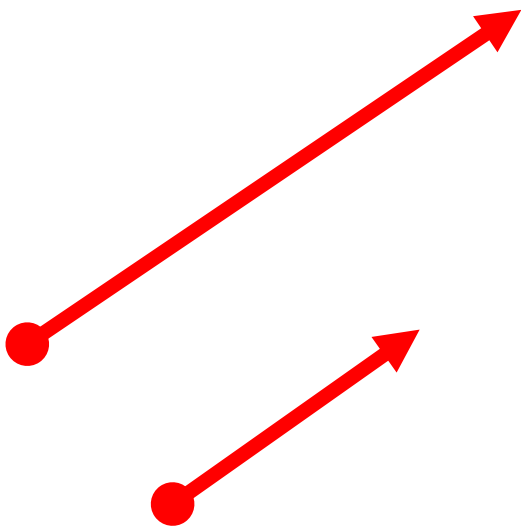
Lines, rays, line segments, or planes that are equal distance at all points, no matter how far; never meeting.

parallelogram
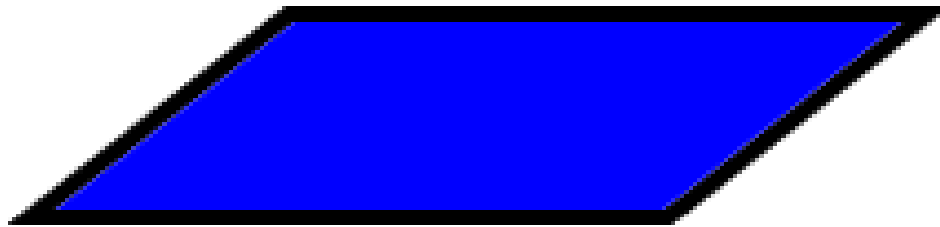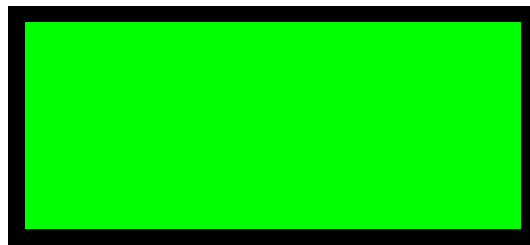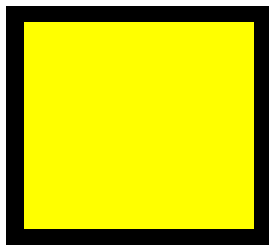
PARALLELOGRAM

A quadrilateral that has two pairs of parallel sides and opposite sides that are congruent.

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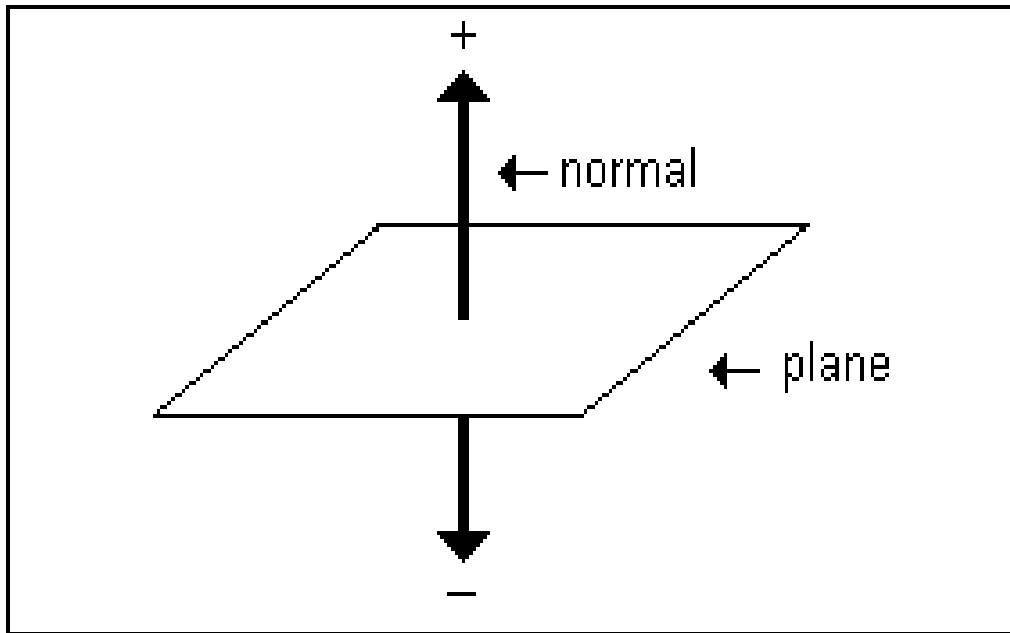
plane

A flat surface that extends forever.

polygon
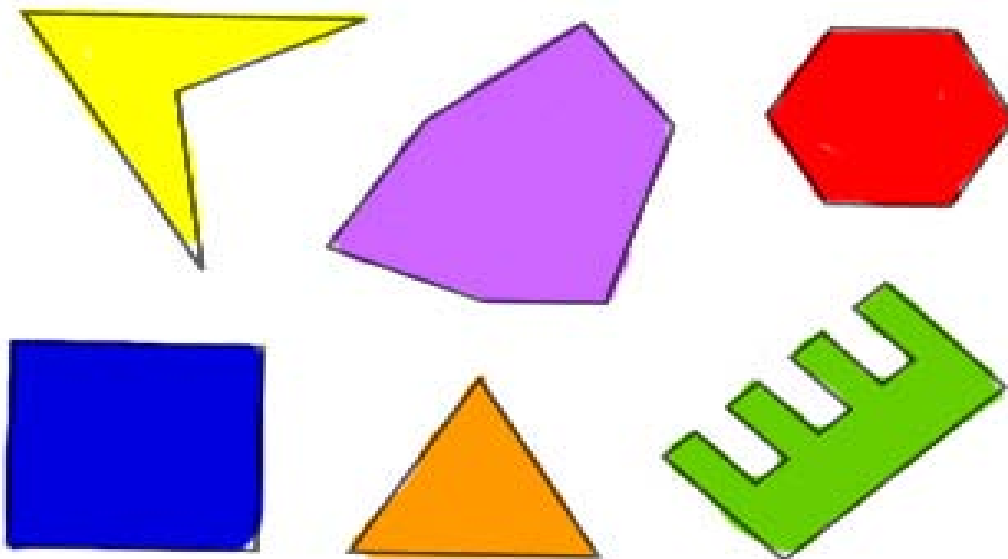
A closed plane figure formed by three or more line segments that meet only at their end points.

polyhedron
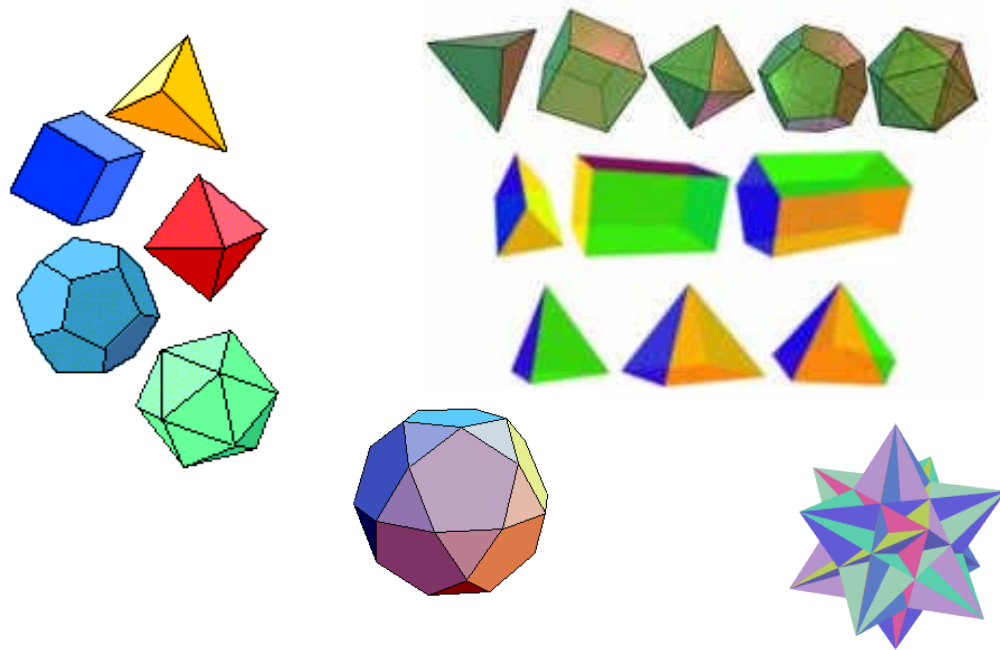
A closed 3-dimensional shape, all of whose surfaces (faces) are flat.

pyramid
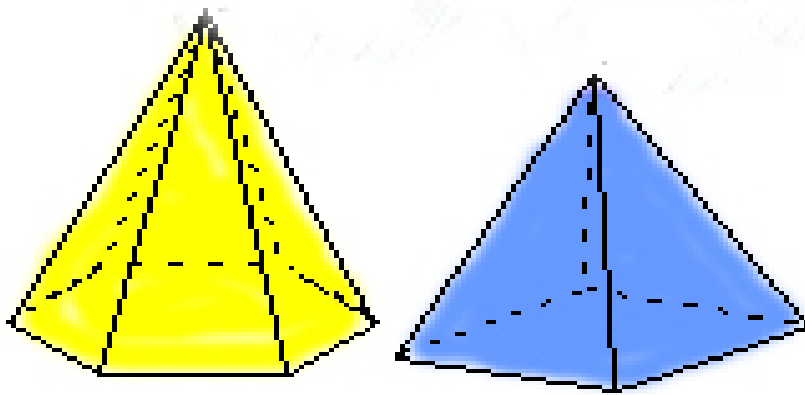
A polyhedron
(3-dimensional shape) in
which one face (base) is a
polygon and the other
faces are triangles with a
common vertex (apex).

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quadrangle

A 4-sided polygon.

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ray (———►)

C

D

C D ———►
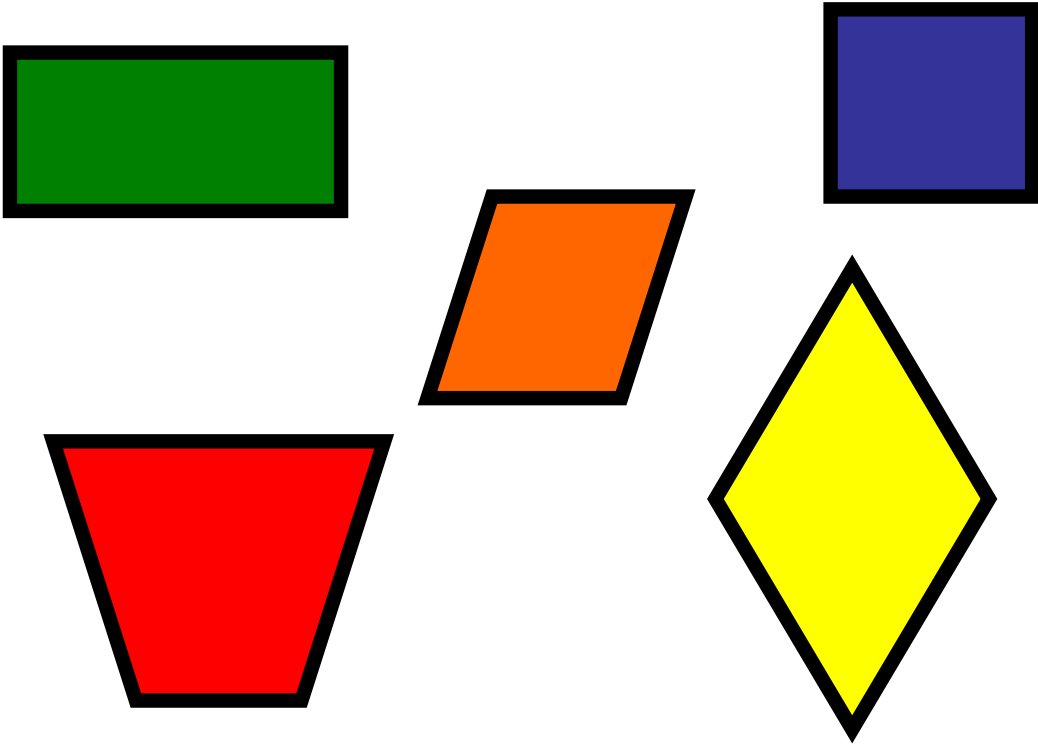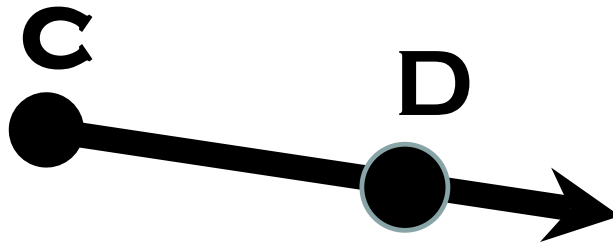
A straight path that extends infinitely from a point called its endpoint.

rectangle
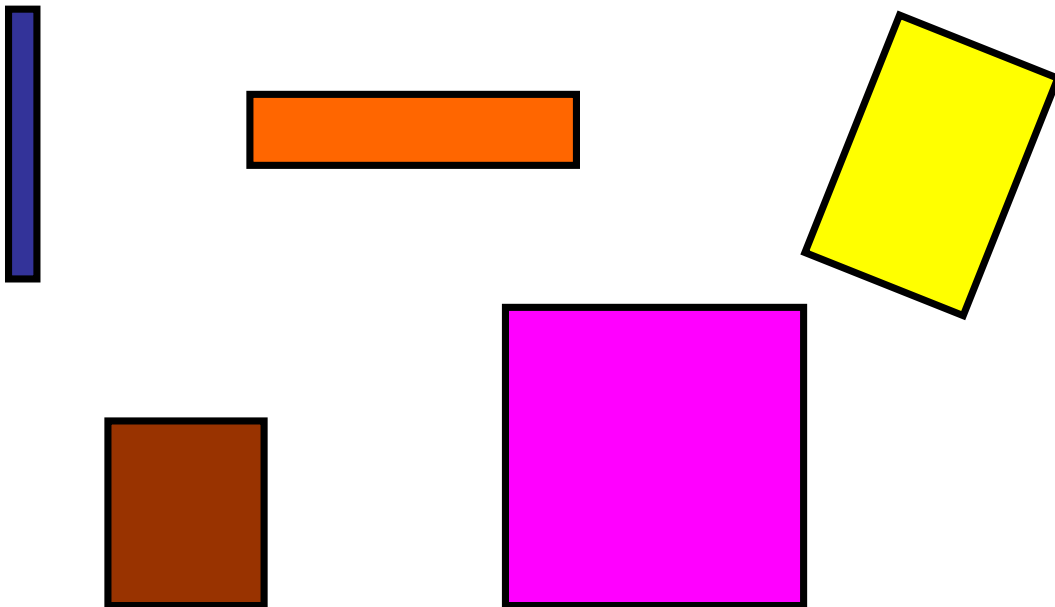
A parallelogram whose angles are all right angles.

rectangular prism
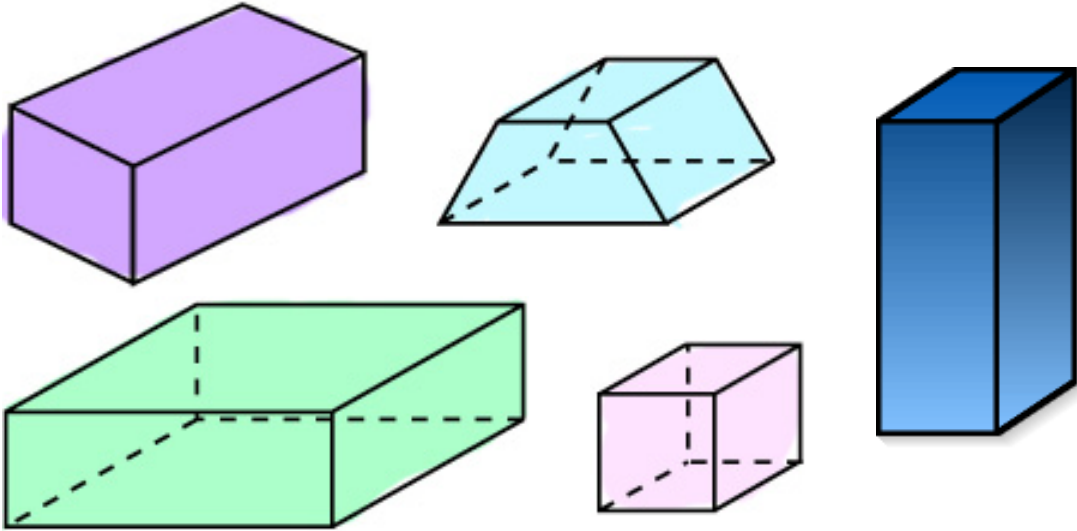
A prism whose bases are rectangles.

rhombus
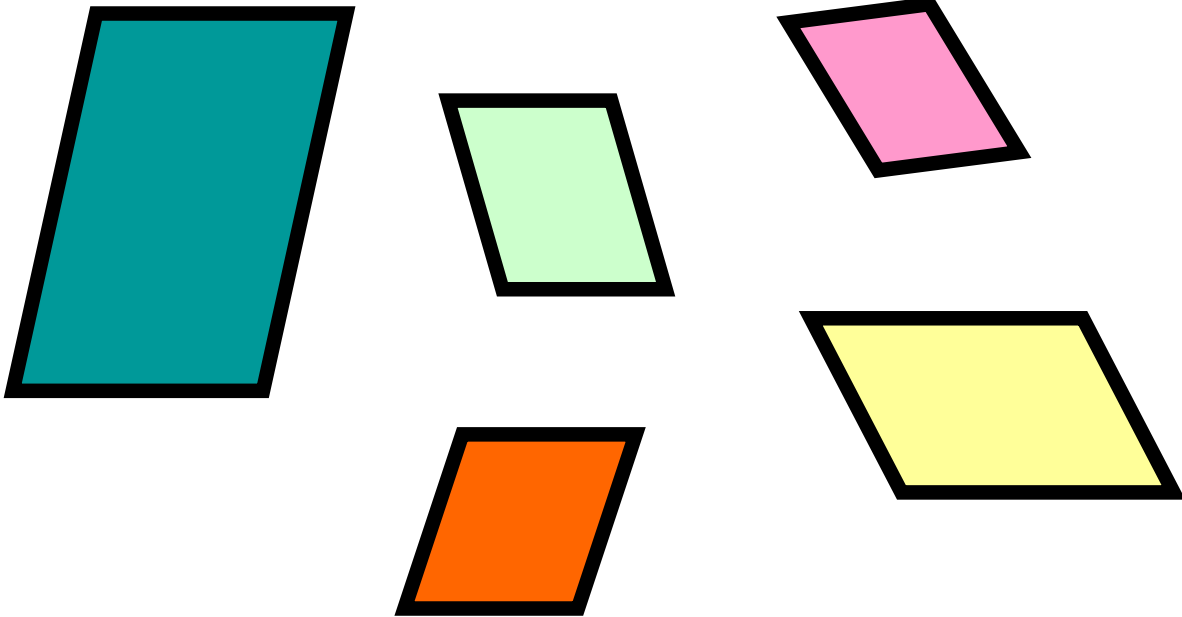
A parallelogram with sides that are all the same length.

right angle

90°
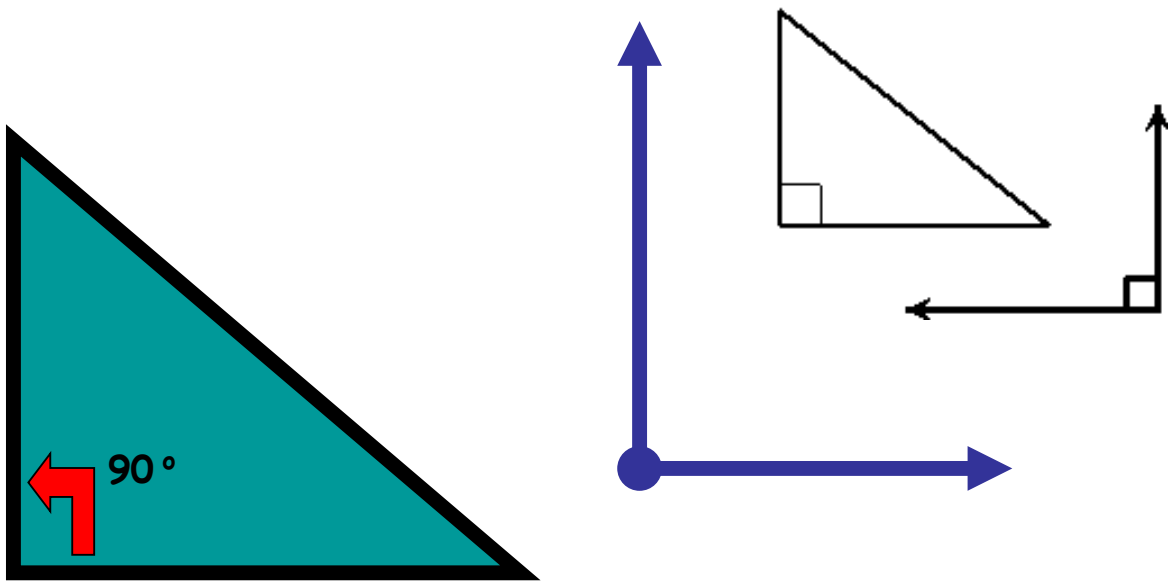
A square corner; a 90° angle.

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rotation
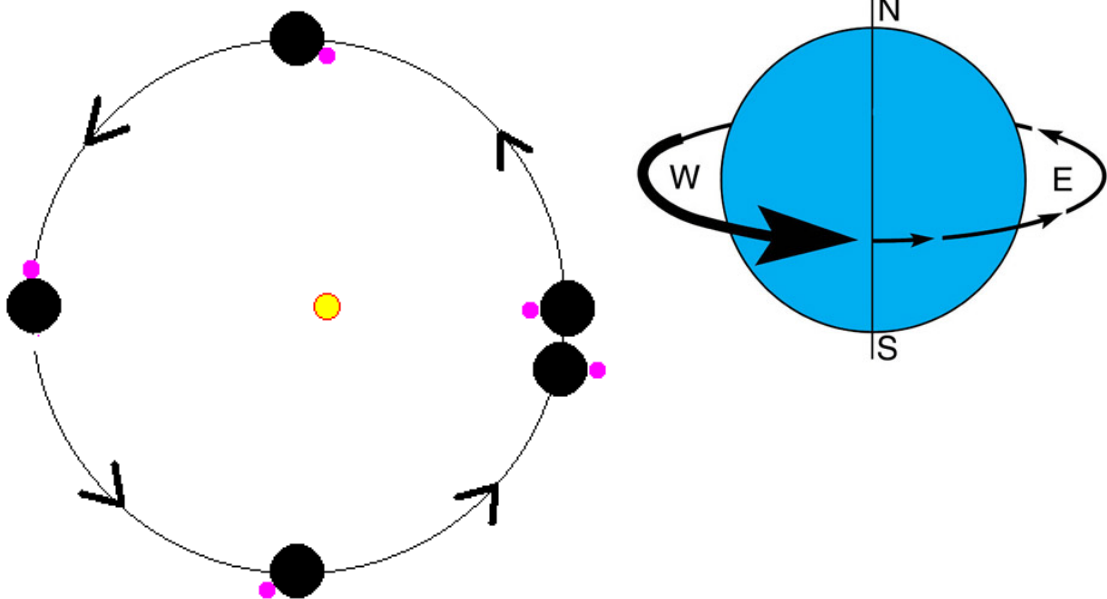
A turn around a center point or axis.

side
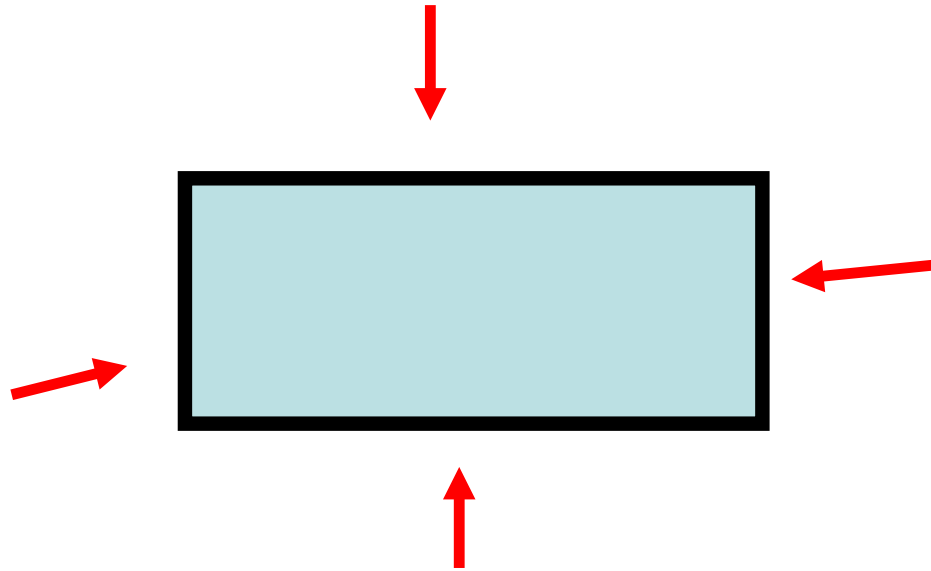
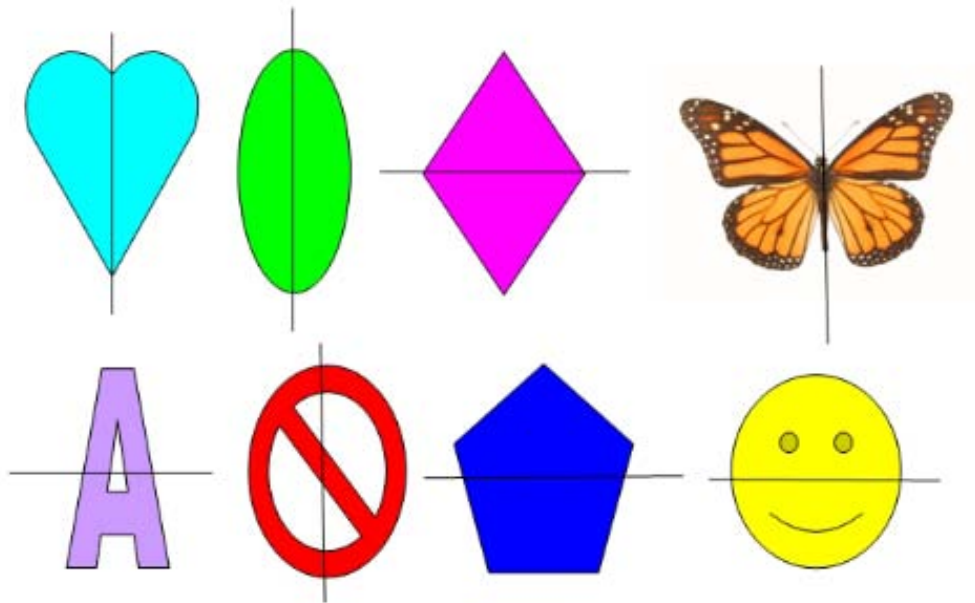Any line segment that makes up a polygon.

sphere

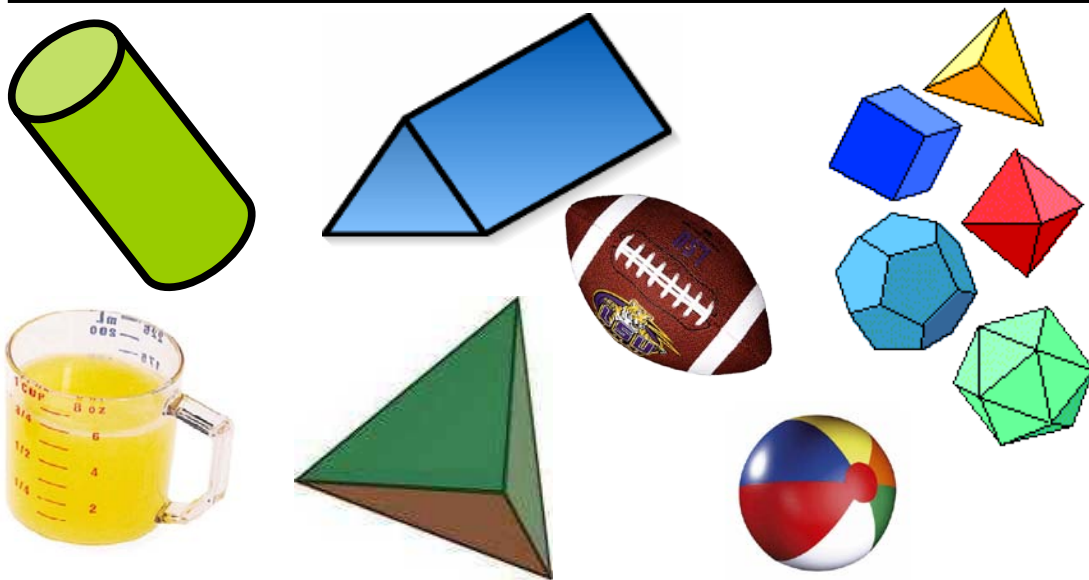A 3-dimensional shape whose curved surface is a given distance from its center point.

square
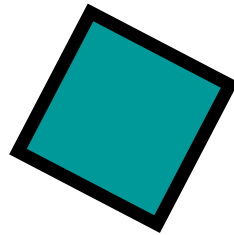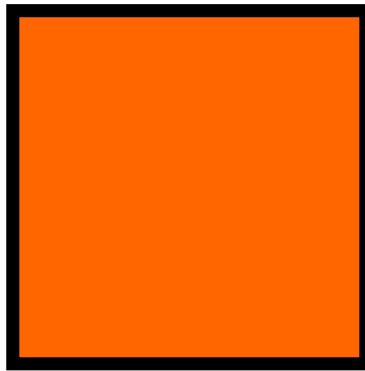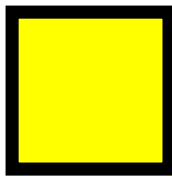
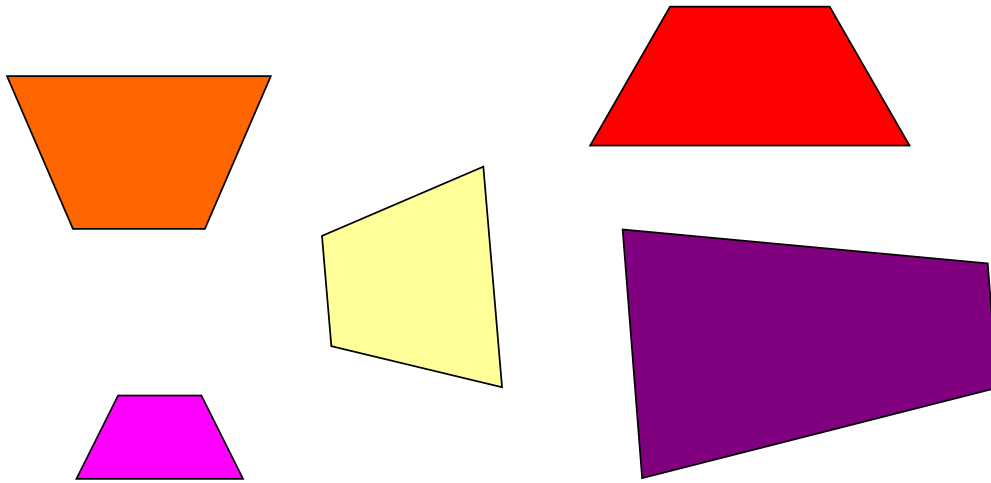A rectangle whose sides are all the same length.

symmetry

The property of exact balance in a figure; having the same size and shape across a dividing line.
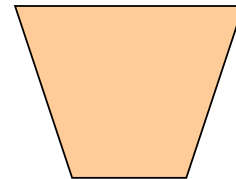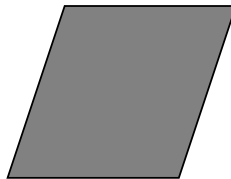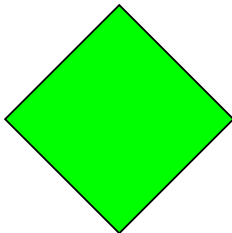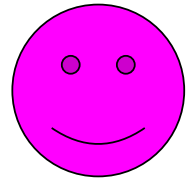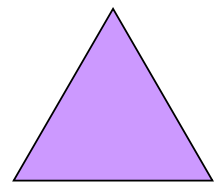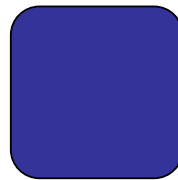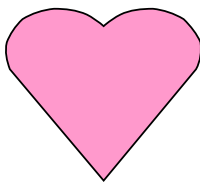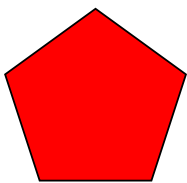
3-dimensional (3-D)

Objects with thickness, length and width.

trapezoid

A quadrilateral that has one pair of parallel sides. No two sides need to be the same length.
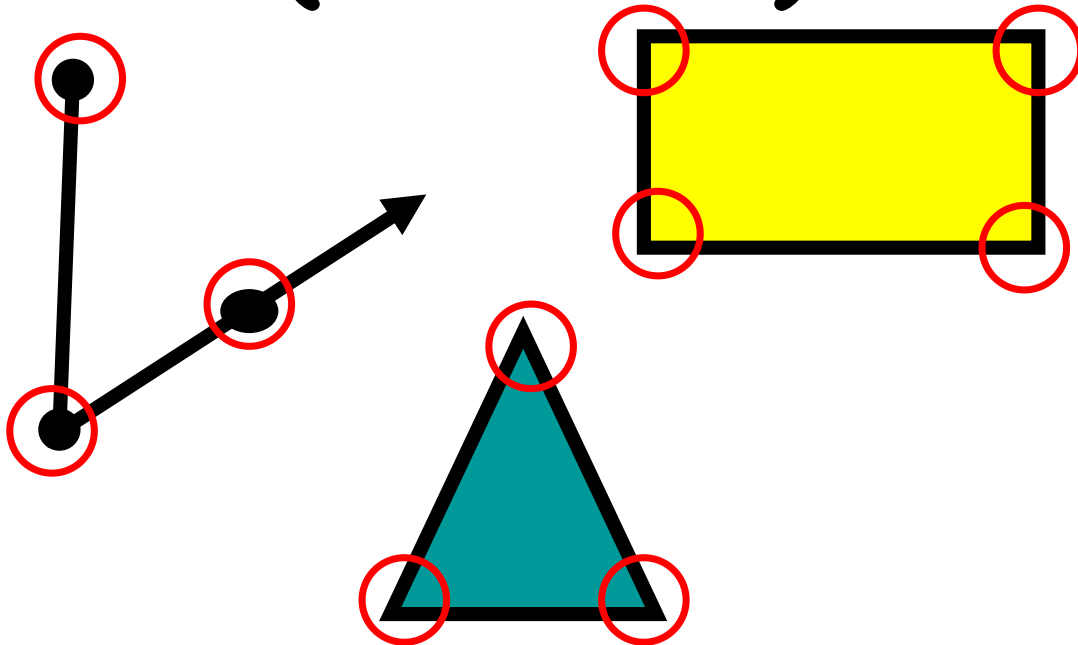
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2-dimensional (2-D)
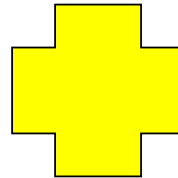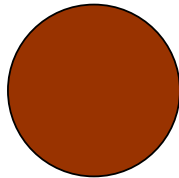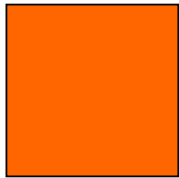
Objects completely within a flat surface; objects with length and width, but no thickness.

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vertex
(vertices)

The point at which the rays or line segments of an angle, sides of a polygon, or the ends of a polyhedron meet.

vertical

A line that goes up and down.

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