

Regular Polyhedra Definition

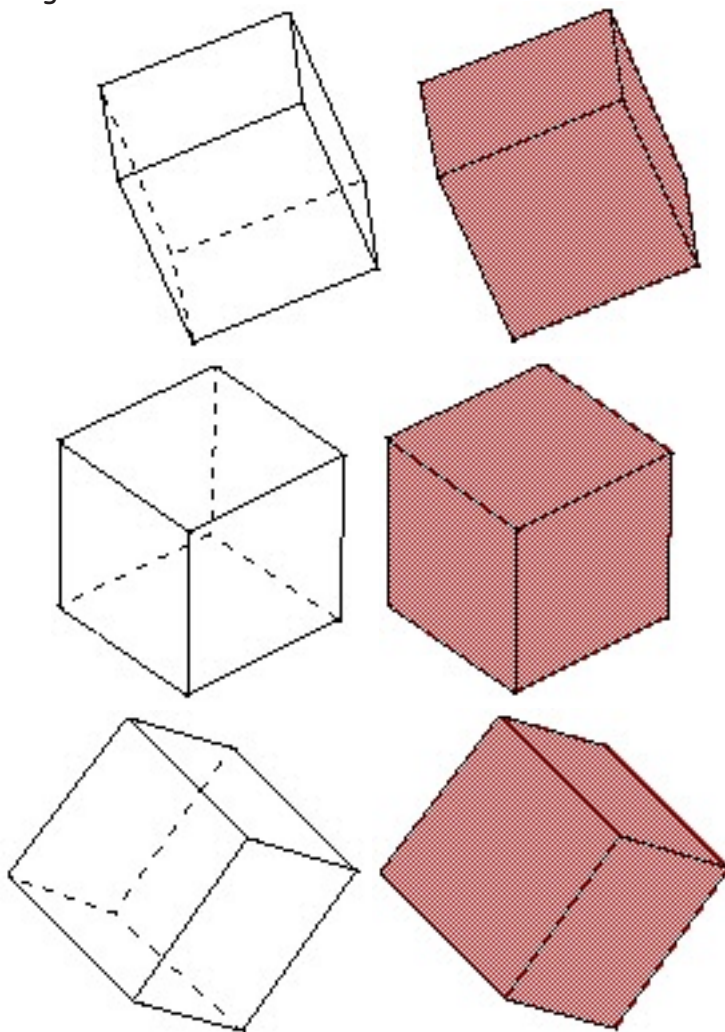
Description and Definition of Regular Polyhedra

Regular polyhedra are characterized by two properties:

- 1) Their faces are congruent, convex, regular polygons.
- 2) The same number of polygons meet at each vertex.

The Cube

The most familiar of the regular polyhedra is the cube. It has 6 square faces, 12 edges, and 8 vertices. In the cube, 3 edges meet at each vertex.



The Tetrahedron

The tetrahedron is the simplest of the regular polyhedra. It has 4 triangular faces, 6 edges, and 4 vertices. In the tetrahedron 3 edges meet at each vertex.

