







...while a local counterexample (if it is not global at the same time) is a criticism of the proof, but not of the conjecture – a global counterexample is a criticism of the conjecture, but not necessarily of the proof. - Alpha, p. 12 Comment



I assumed familiarity with the concept [of polyhedron], i.e. the ability to distinguish a thing which is a polyhedron from a thing which is not a polyhedron. - Teacher, p. 16 Comment on the validity of this position.











## Definitions of Polyhedron (1)

- A **polyhedron** is a solid whose surface consists of polygonal faces. (p.14)
- 2. A **polyhedron** is a surface consisting of a system of polygons. (p. 14)
- 3. A **polyhedron** is a system of polygons arranged in such a way that (1) exactly two polygons meet at every edge, and (2) it is possible to get from the inside of any polygon to the inside of any other polygon by a route which never crosses any edge at a vertex. (p. 15)









