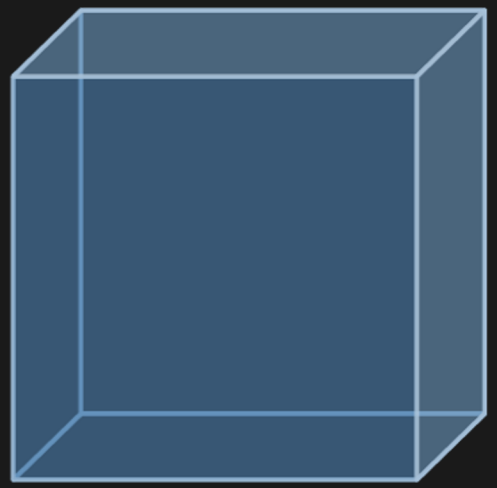
A CONVEX POLYHEDRON



EULER'S FORMULA

$V - E + F = 2$

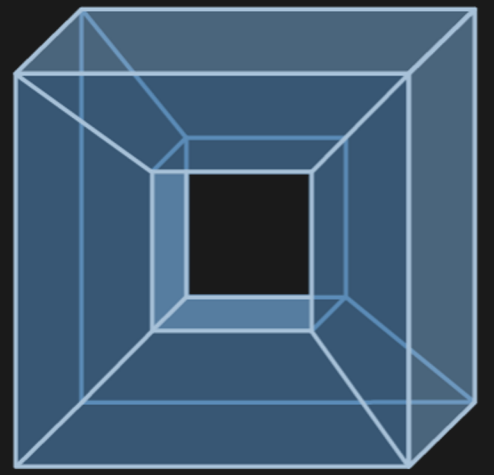
$8 - 12 + 6 = 2$

V: Vertices

E: Edges

F: Facets

A NONCONVEX POLYHEDRON



LHUILIER'S FORMULA

$V - E + F = 0$

$16 - 32 + 16 = 0$