

# Building a Hexahedron



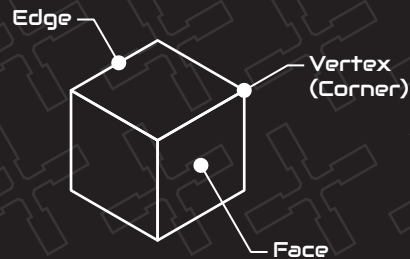
## Polyhedron Series

A polyhedron (pol·ē·hē·dren) is a 3D (three-dimensional) solid made from polygons that are joined at their edges.

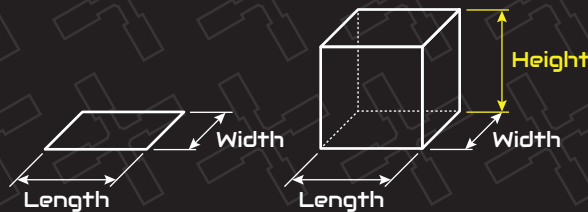
A polygon is simply a 2D shape made from straight lines - triangles, rectangles, pentagons, etc...

There are many different kinds of polyhedra (plural for polyhedron).

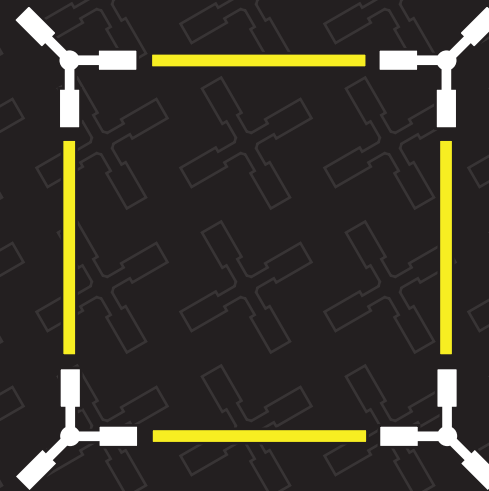
Below are some of the most common types. Notice the different polygons used to create each one.



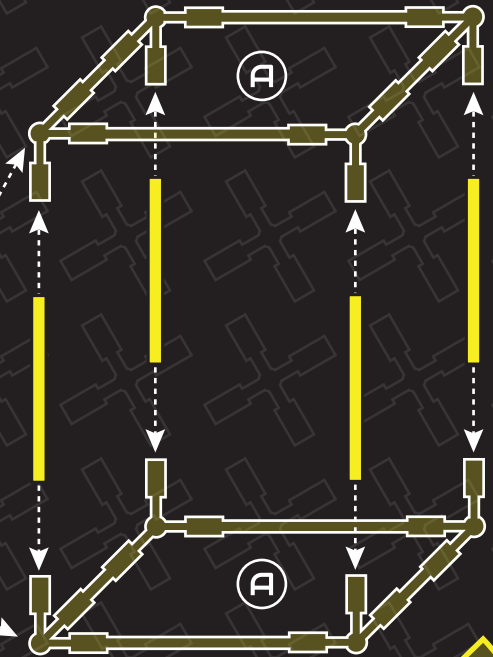
Parts of a Solid



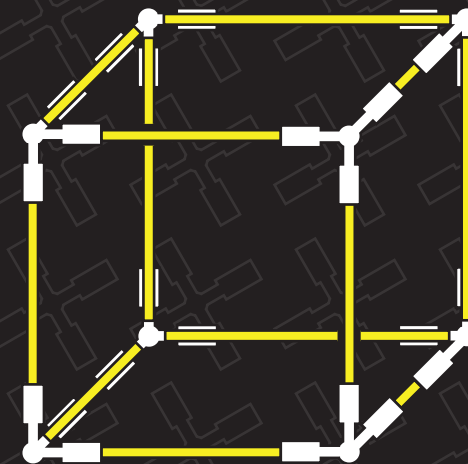
2 Dimensional vs 3 Dimensional



STEP 1  
Assembly (A)  
2 Required



STEP 2



Complete Hexahedron