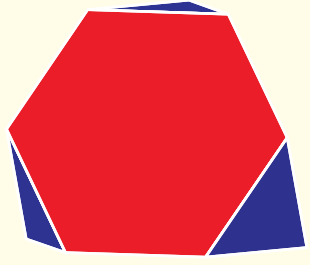
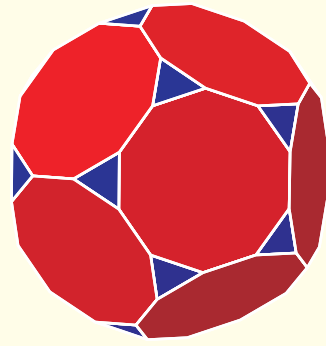


ARCHIMEDEAN SOLIDS

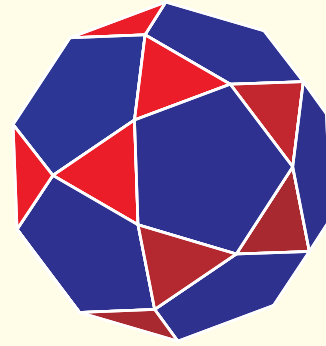
Archimedean solids are semi-regular solids in which every face is a regular polygon but not all of the same kind. The faces surrounding each vertex appear in the same order so that all the vertices are congruent to each other. Only 13 Archimedean solids are possible.



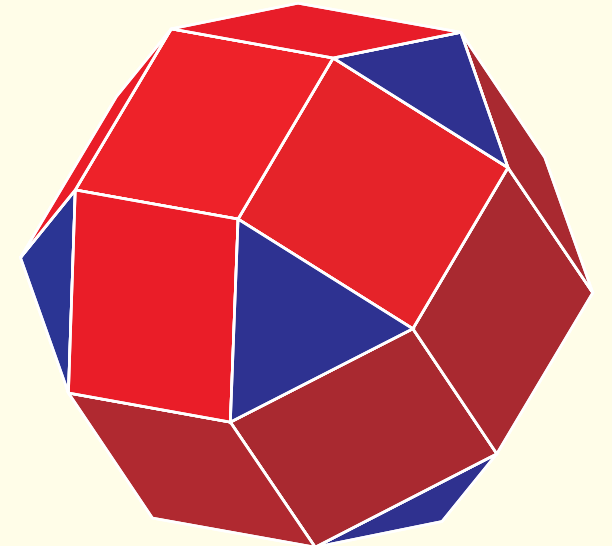
Truncated Tetrahedron



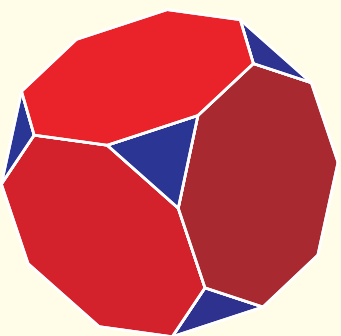
Truncated Dodecahedron



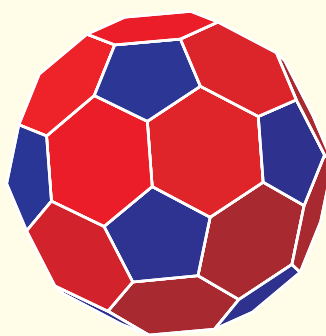
Icosidodecahedron



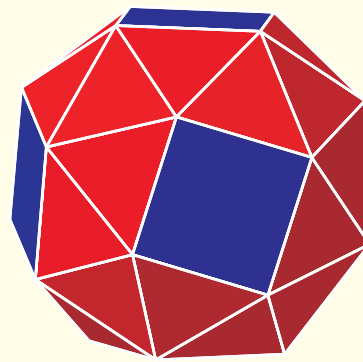
Rhombcuboctahedron



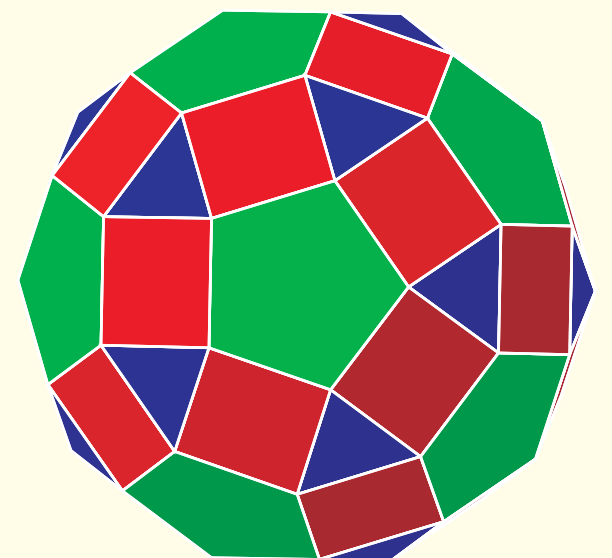
Truncated Cube



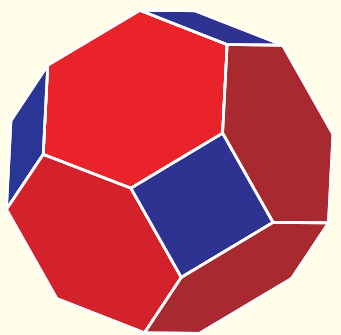
Truncated Icosahedron



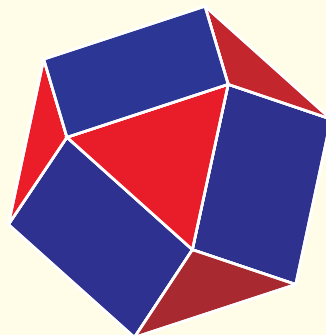
Snub Cube



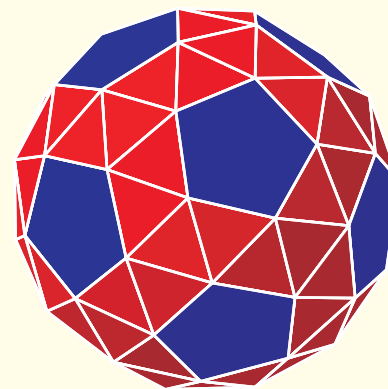
Rhombicosidodecahedron



Truncated Octahedron

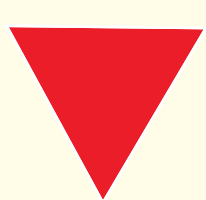


Cuboctahedron

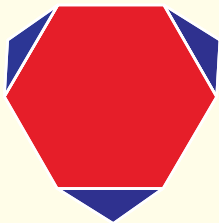


Snub Dodecahedron

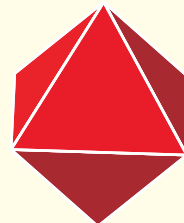
The picture below shows how seven of the Archimedean solids, can be obtained from the Platonic solids by truncation at the vertices.



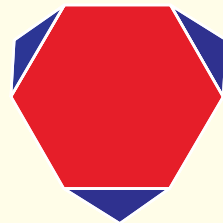
Tetrahedron



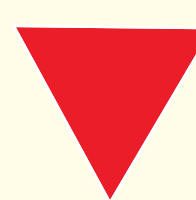
Truncated Tetrahedron



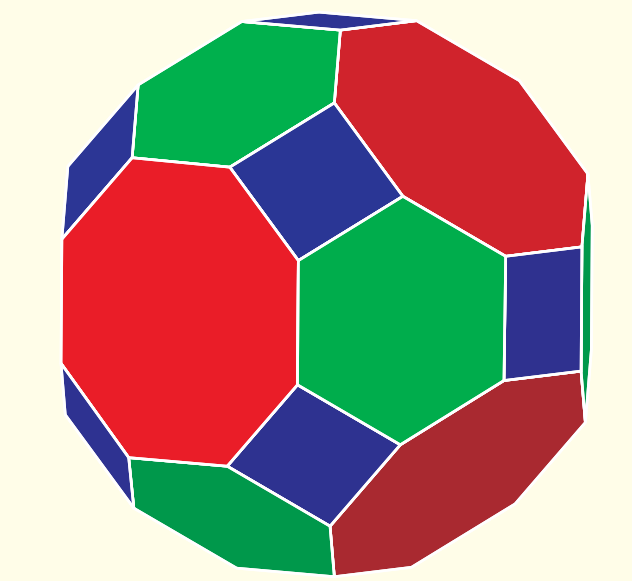
Octahedron



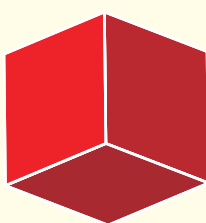
Truncated Tetrahedron



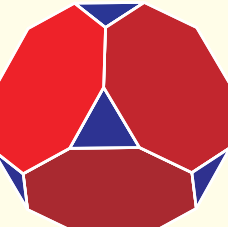
Tetrahedron



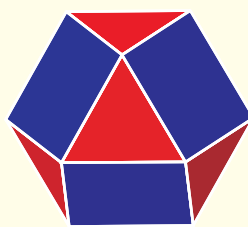
Great Rhombcuboctahedron



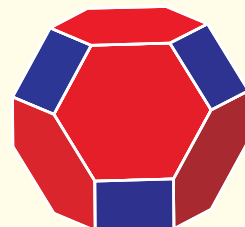
Cube



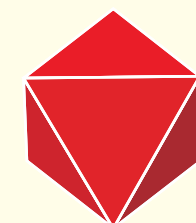
Truncated Cube



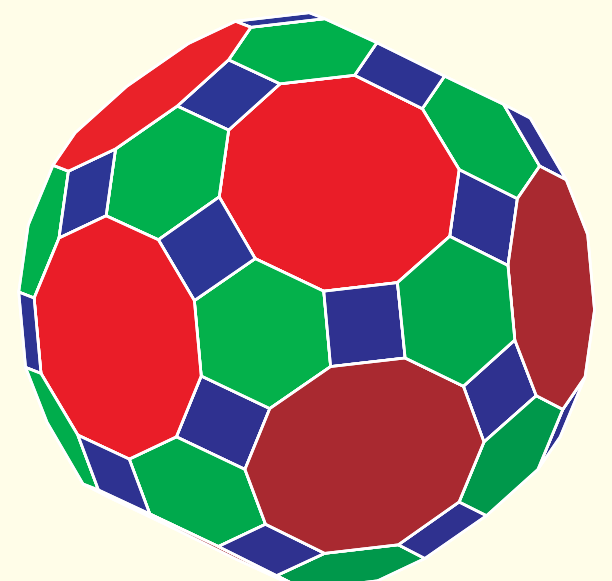
Cuboctahedron



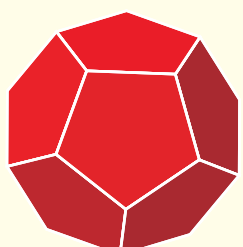
Truncated Octahedron



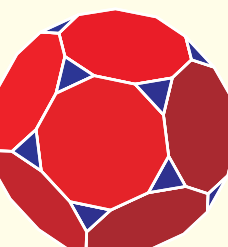
Octahedron



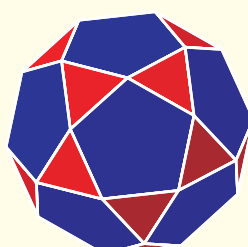
Great Rhombicosidodecahedron



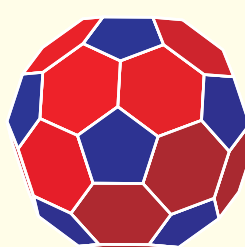
Dodecahedron



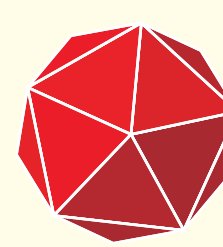
Truncated Dodecahedron



Icosidodecahedron



Truncated Icosahedron



Icosahedron