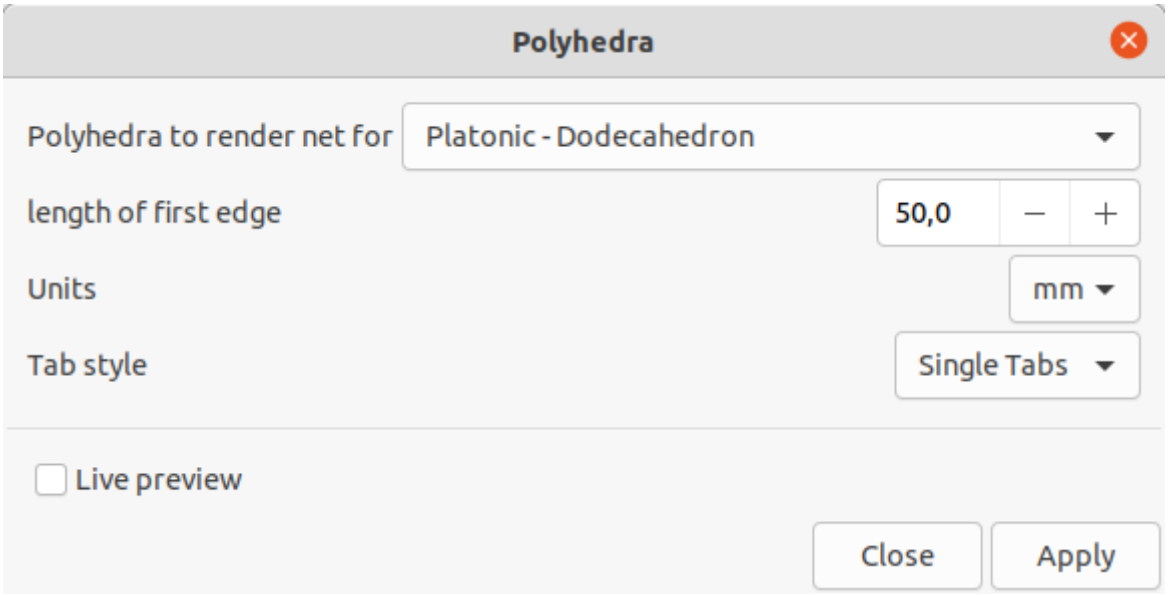
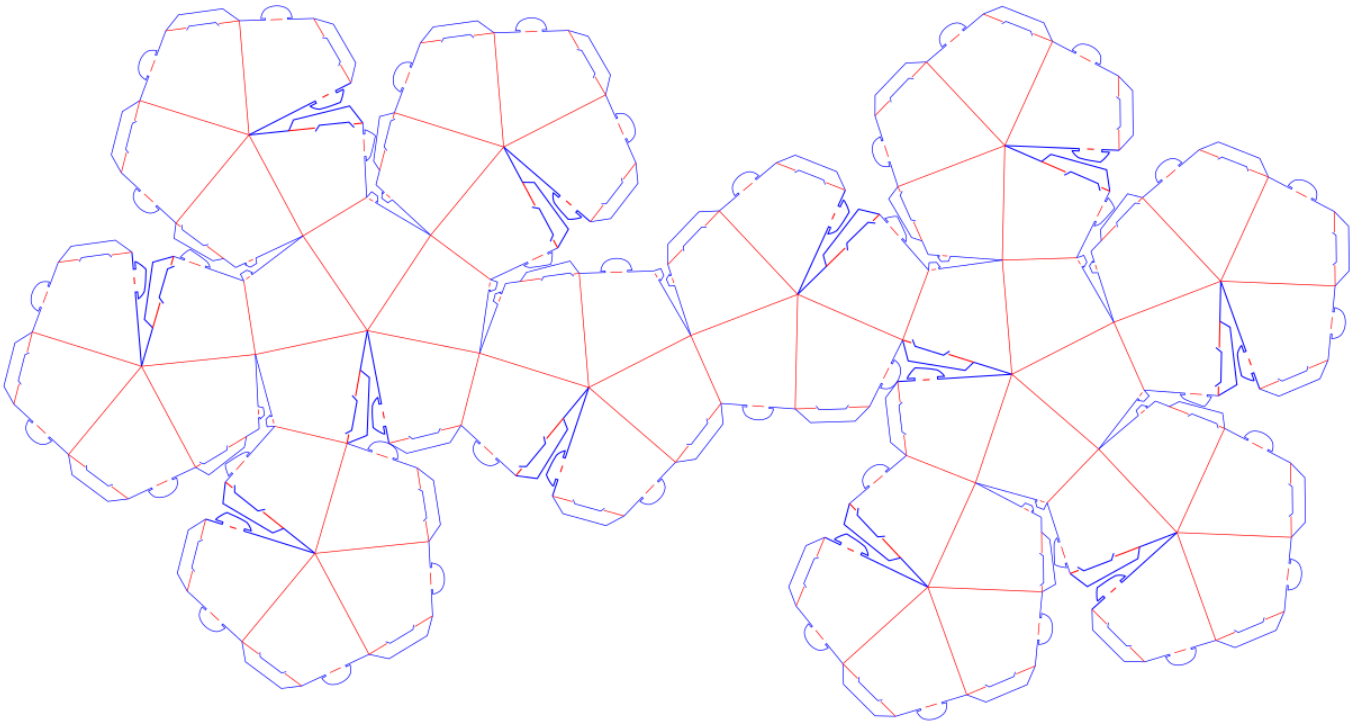
Polyhedra

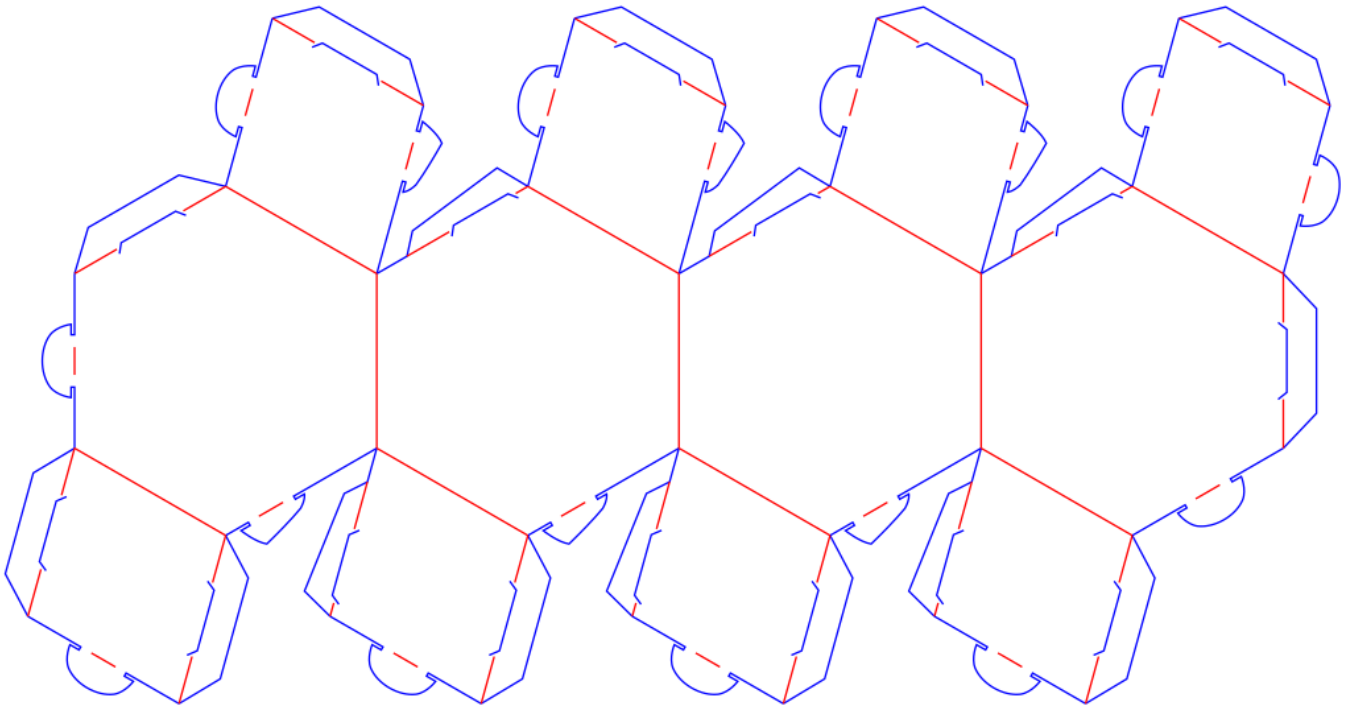


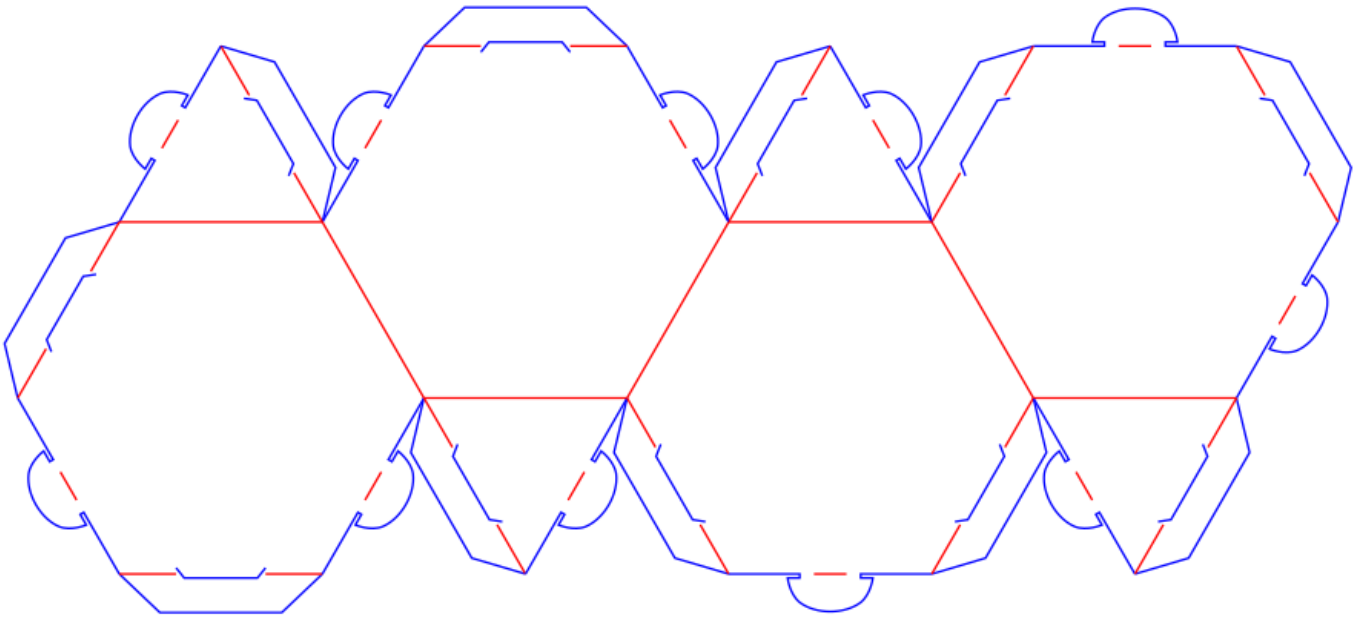
The options

- archimedean dual
  - A Catalan body or dual Archimedean body is a body that is dual to an Archimedean body. For example, the rhombic dodecahedron is dual to the cuboctahedron. The Catalan solids - of which there are 13 - are named after the Belgian mathematician Eugène Charles Catalan.
- archimedean
  - convex polyhedra with the following properties: their side faces are regular polygons, all the vertices of the body behave completely identically to each other, and they are neither Platonic solids nor prisms or antiprisms.
- platonic
  - polyhedra with the greatest possible symmetry. Each of them is bounded by several congruent plane regular polygons. Another name is regular solids. There are five Platonic solids.

Example Output







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