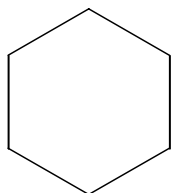
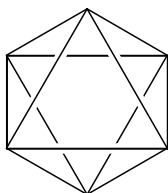


Polyhedra: a drawing lesson

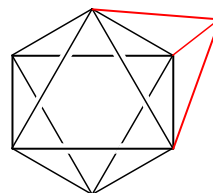
(CAPPED) OCTAHEDRON



draw a hexagon

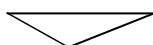
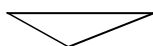


join vertices

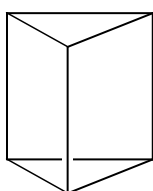


add **cap(s)**

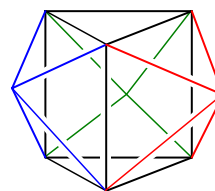
(CAPPED) TRIGONAL PRISM



draw parallel triangles

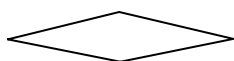


join vertices

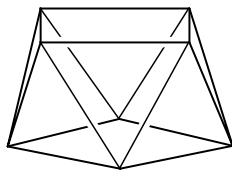


add **cap(s)**

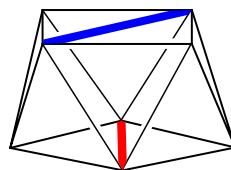
SQUARE ANTIPRISM (AND RELATED)



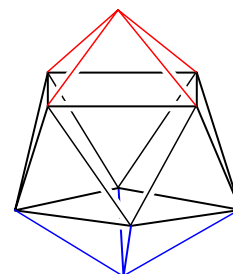
draw rectangle above a flattened diamond



join vertices

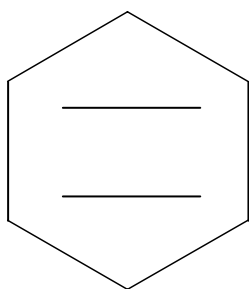


add **red** bond to make **bicapped trigonal prism**; **red** and **blue** for **dodecahedron**

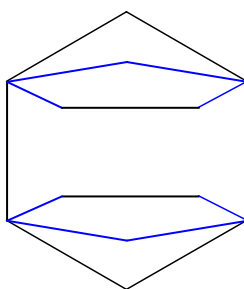


add **cap(s)**

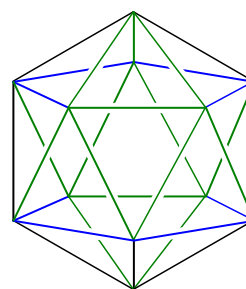
ICOSAHEDRON



draw hexagon and parallel lines



inscribe two flattened pentagons



join vertices