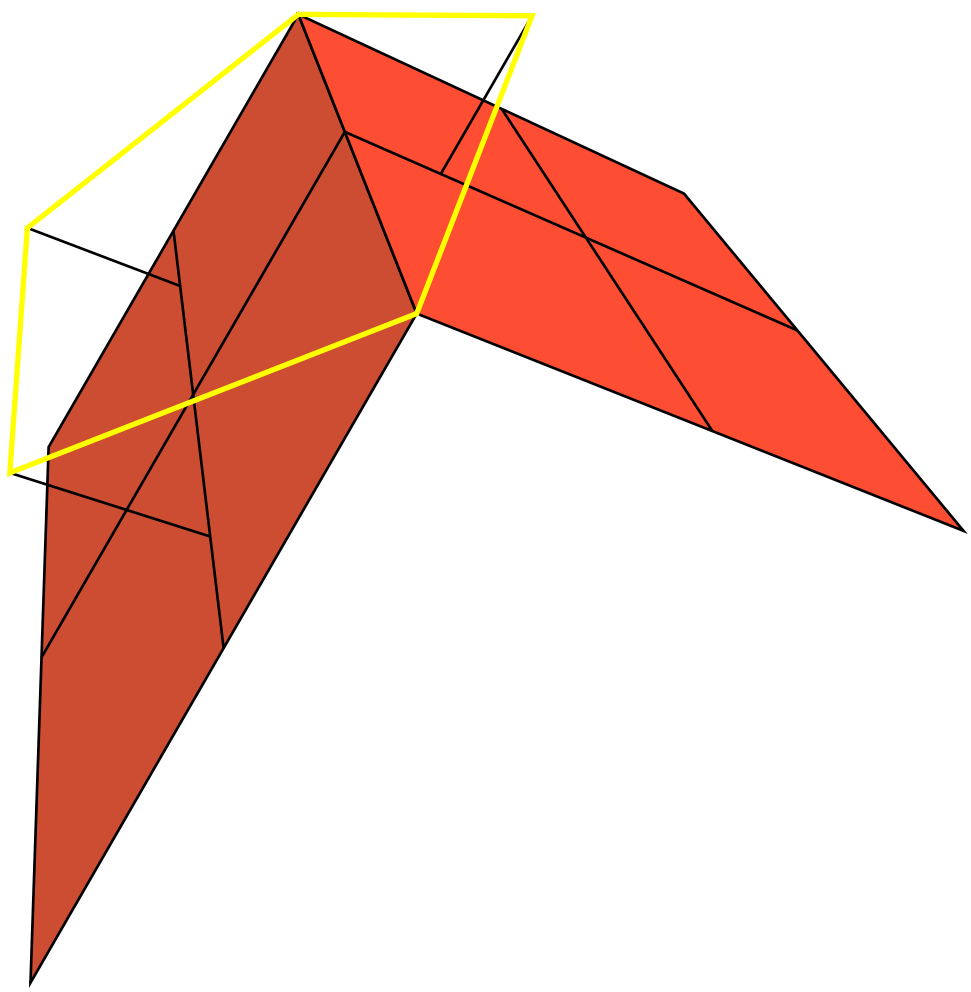
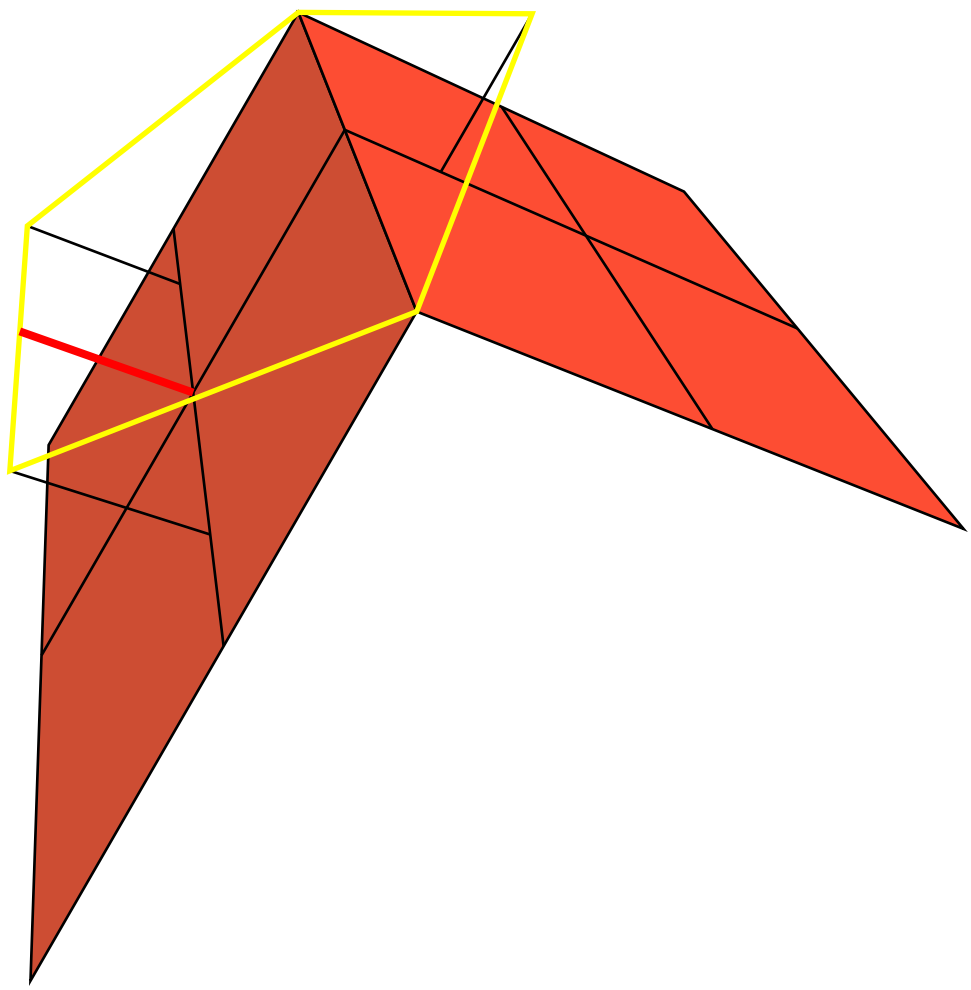
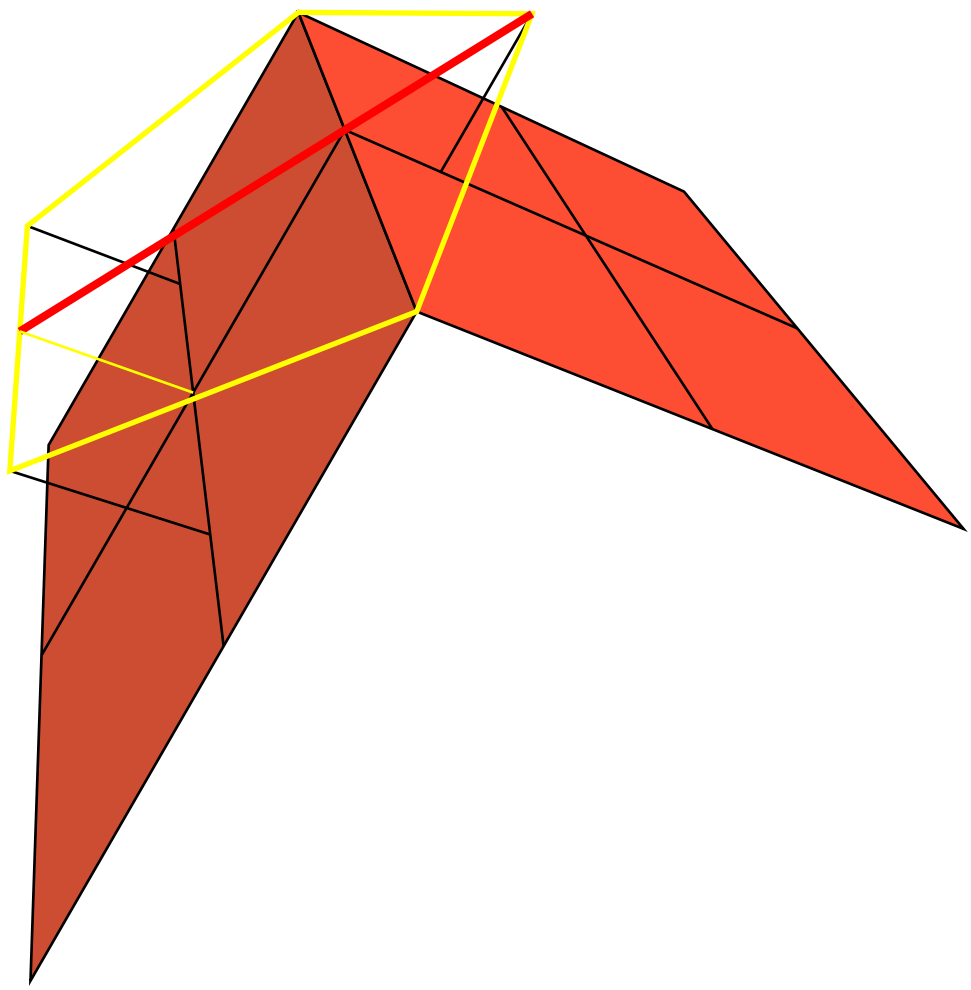
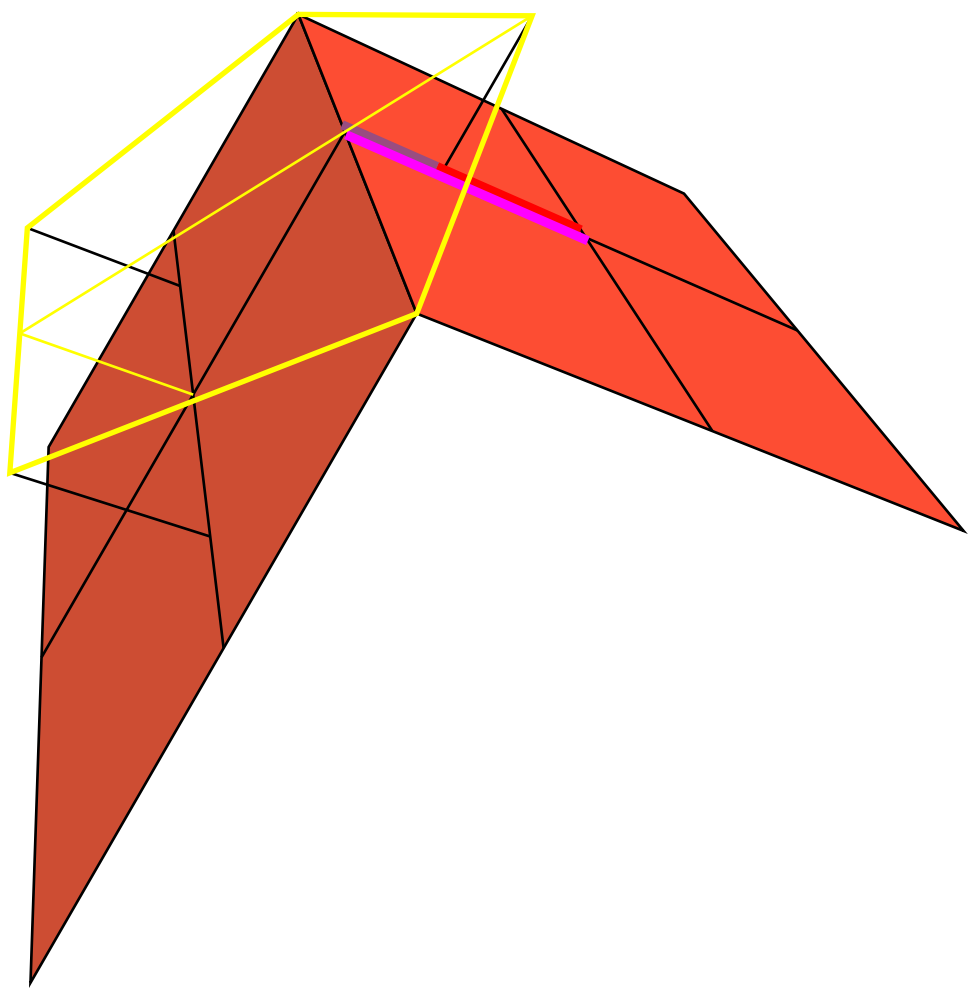
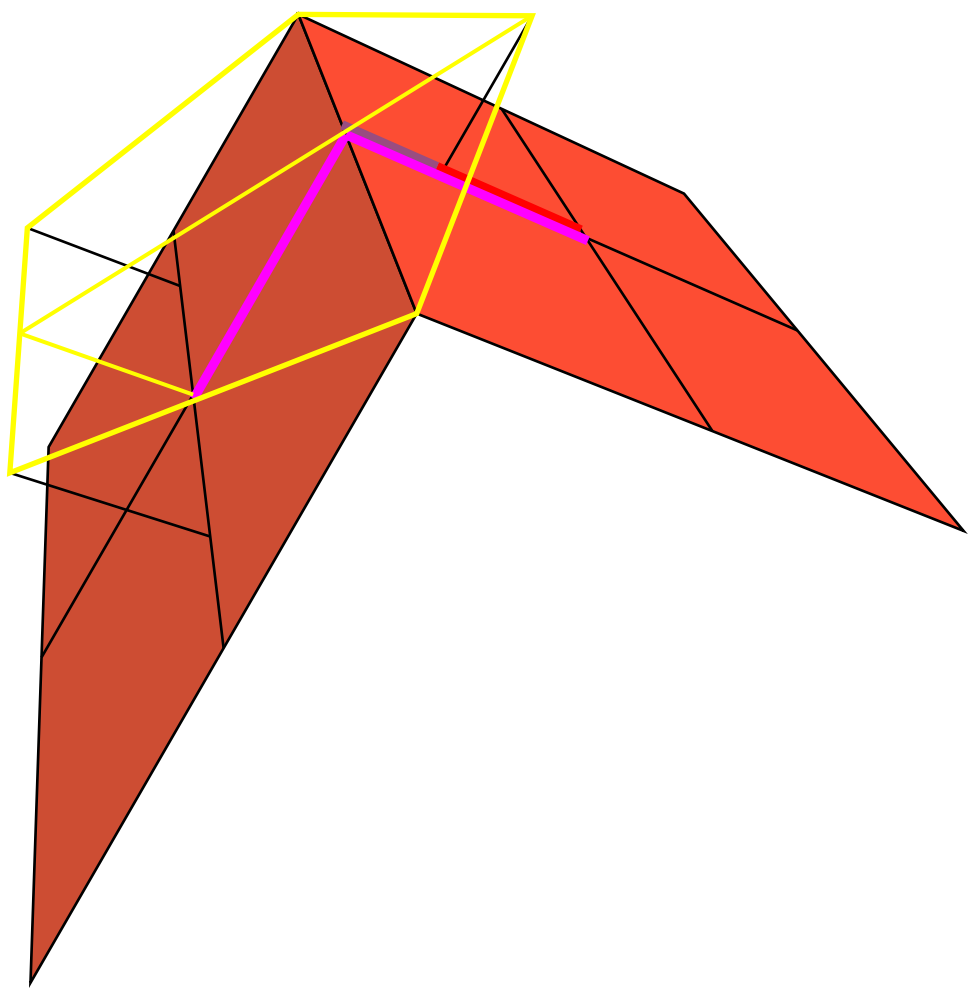
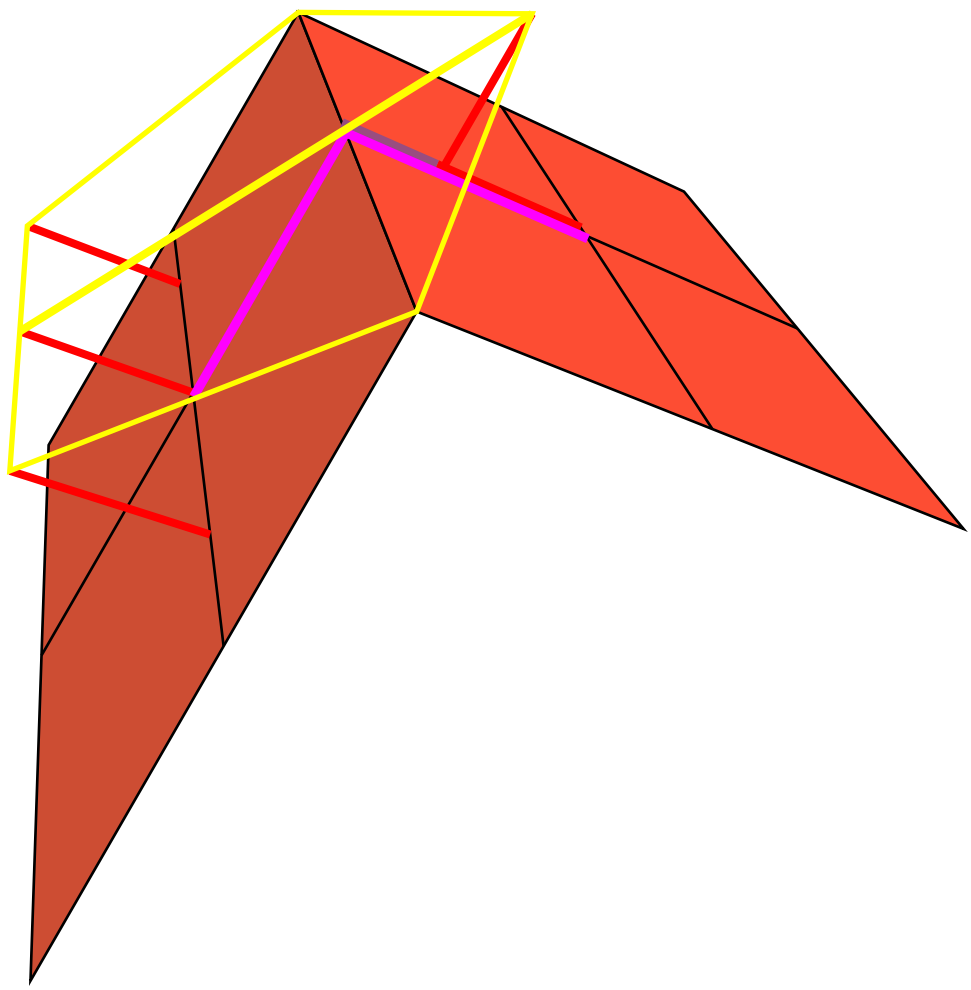
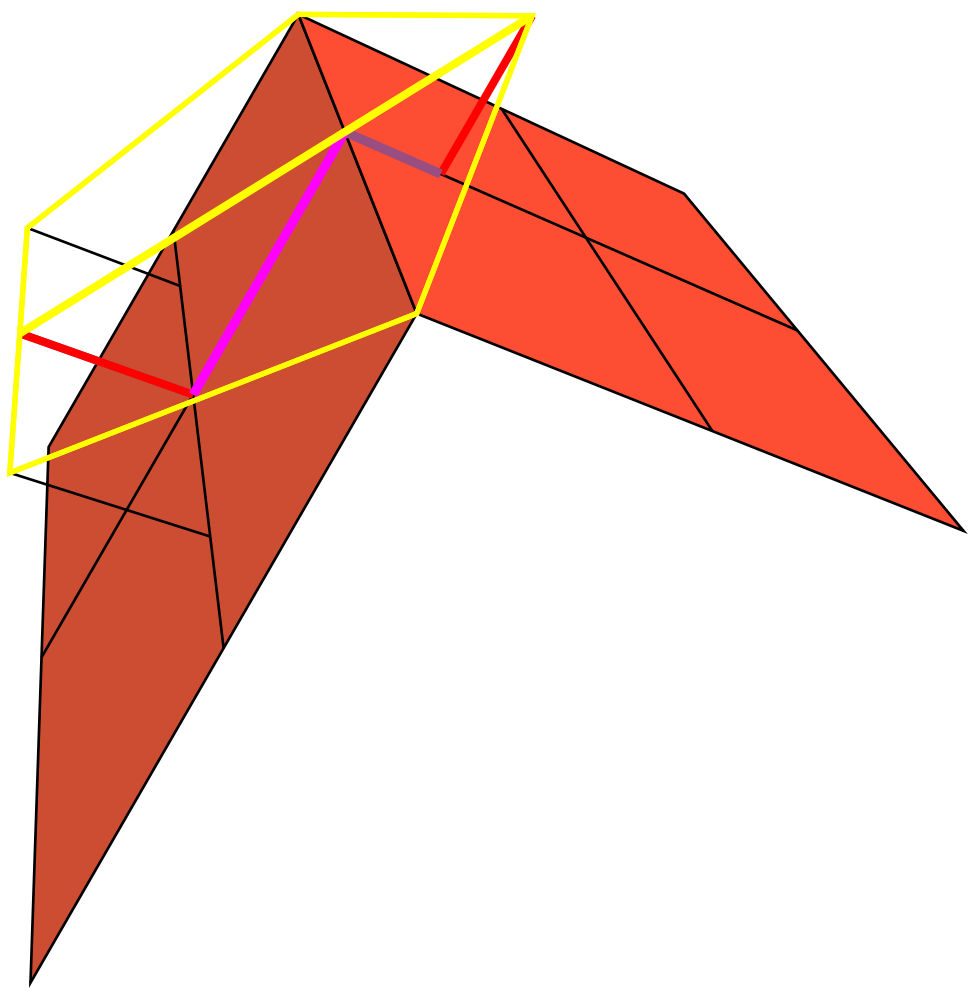
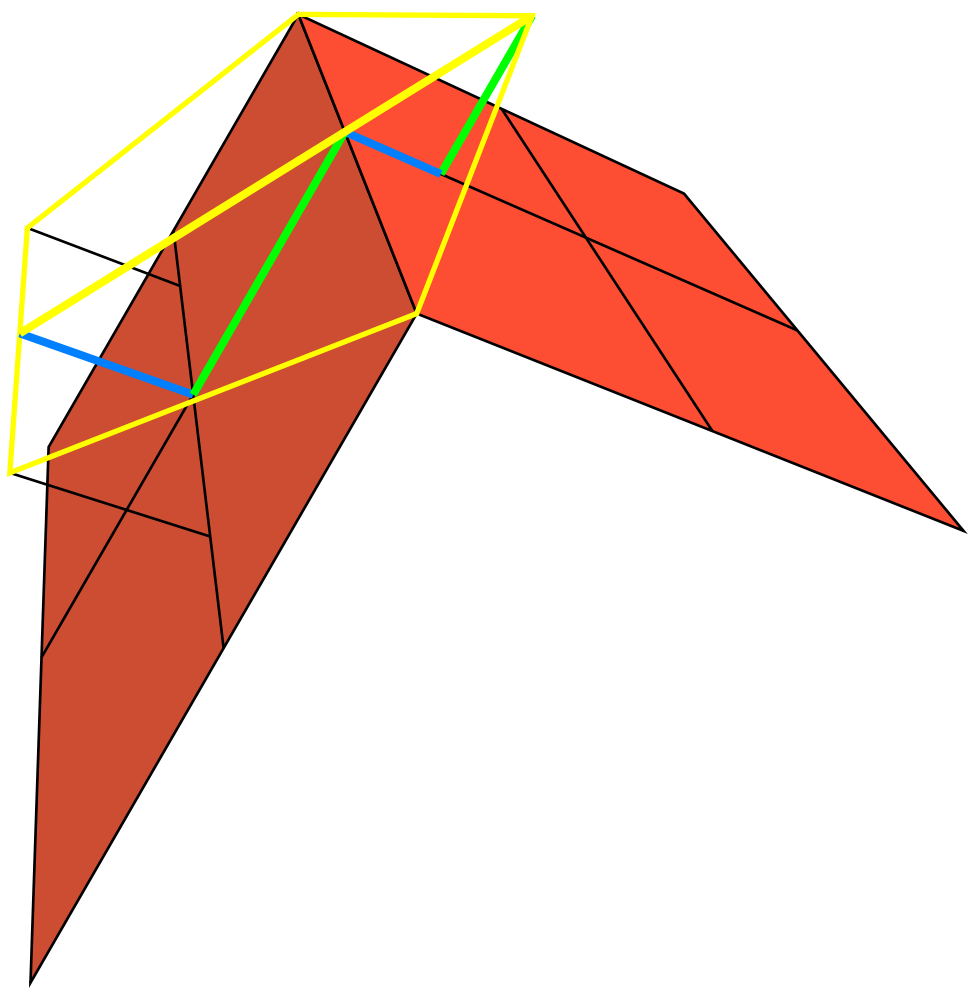
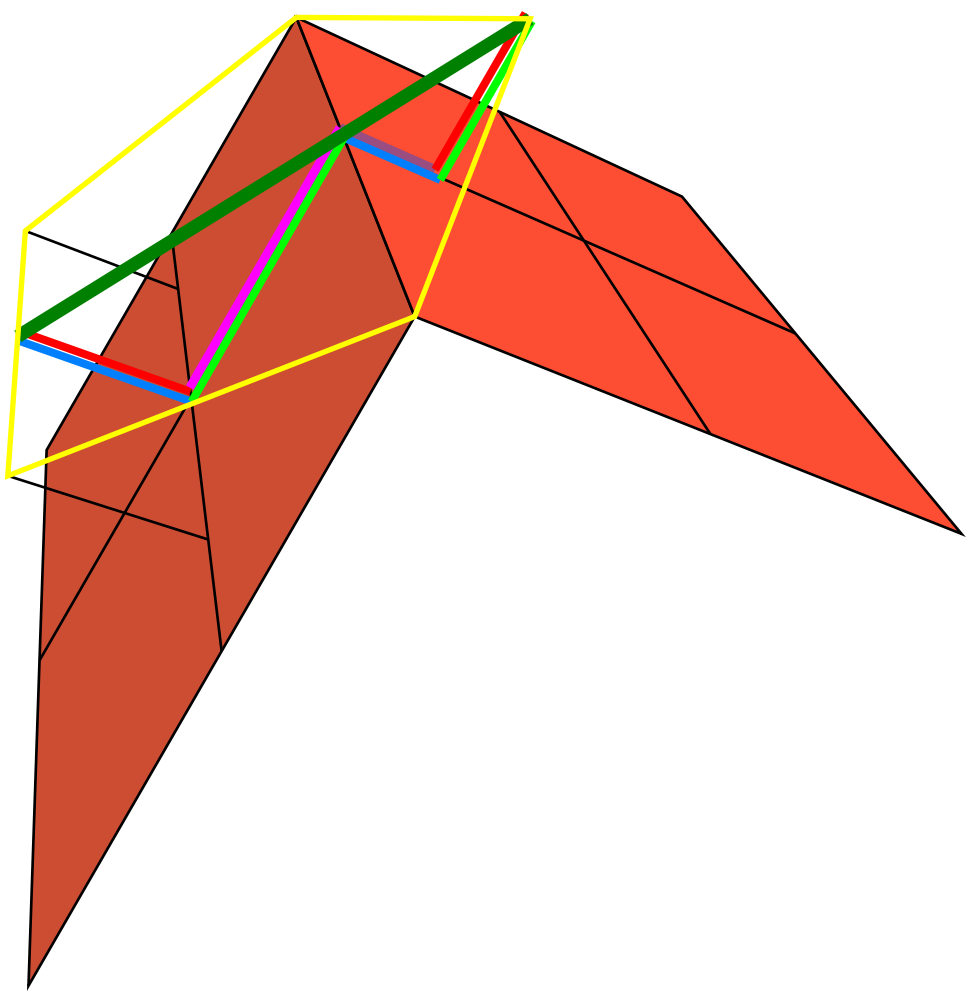
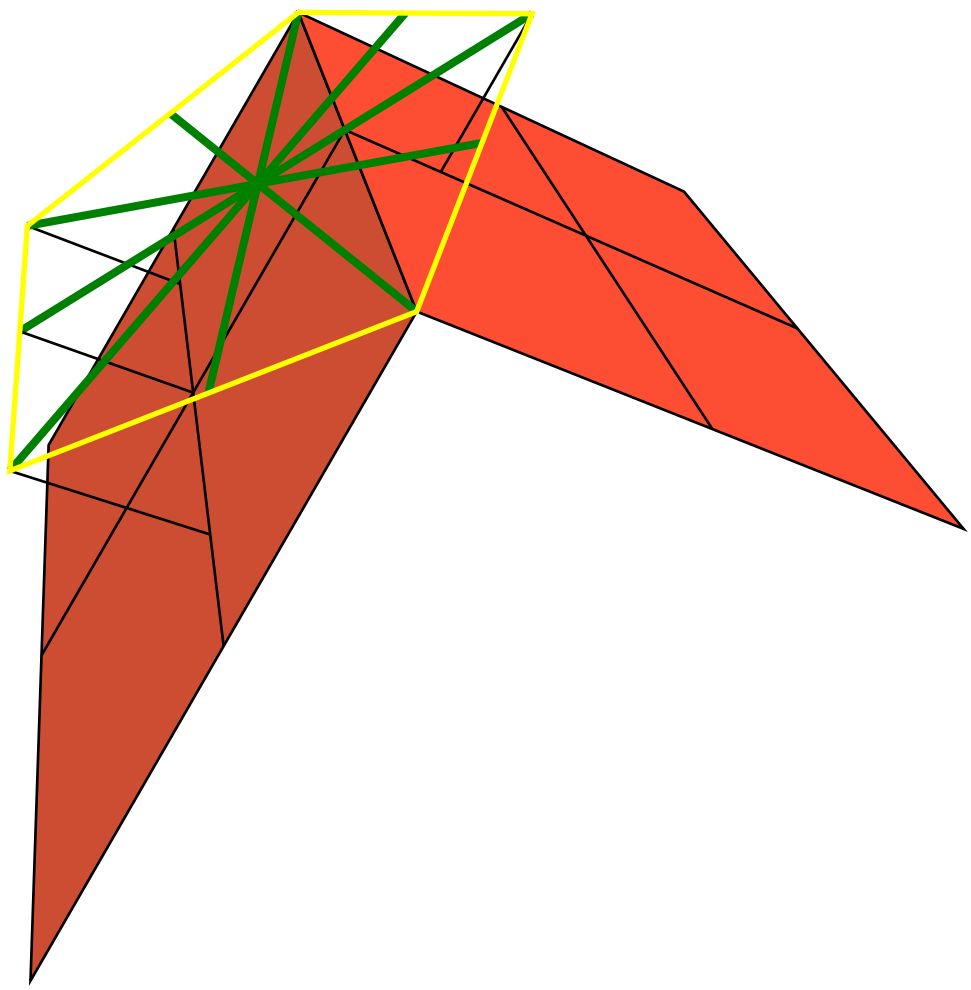
Construction of a Dodecahedron:

Proof Part II --

The Constructed Pentagon is in One Plane