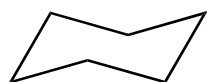


Drawing Chair Cyclohexane Accurately

First: understanding the perspective drawing

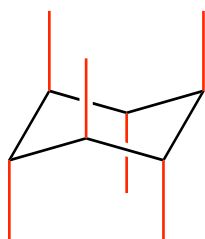


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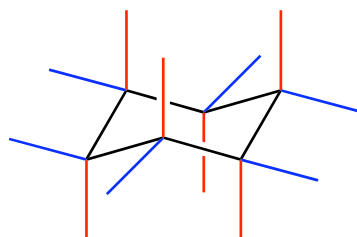
The lower set of bonds is closer to you. There are only two atoms in the plane of the paper.

Second: add the axial groups



All axial bonds are parallel. Three point up. Three point down. The 3 that point up are on every other carbon. The 3 that point down are also on every other carbon, but not the same set as the ones that point up.

Third: add the equatorial groups



The equatorial groups are like spokes. It's easy to add the ones on the headrest and footrest. The others are a little tougher to get in the right position. Get a model set and study it for 5 minutes, and you'll be able to draw the chair perfectly every time.