

Lecture 24.5. Geometric Isomers: Ring Structures

Note Title

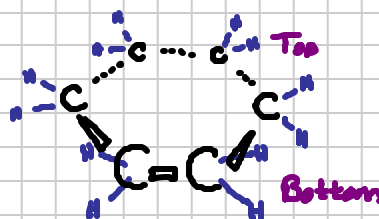
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Stereo Isomers: Molecules that have the same connectivity but different orientations.

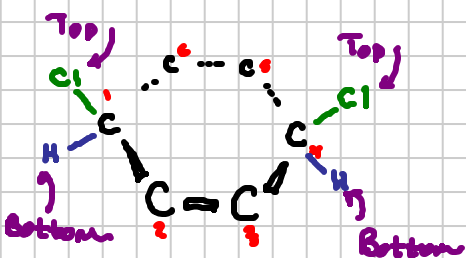
- Geometric Isomers:
 - Ring Structures
 - Double bonds (another lecture)

Ring structures have top/bottom sides...

e.g. cyclohexane
ring 6 C's single bonds

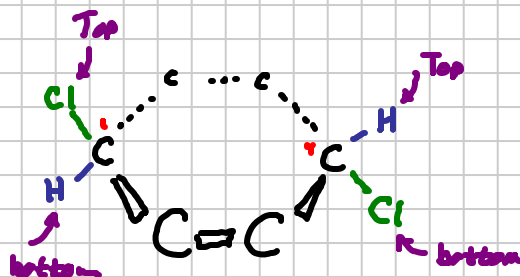


e.g. 1,4-dichloro cyclohexane
2 Cl's ring 6 C's



H on same side
"cis"

cis-1,4 dichloro cyclohexane



H on opposite sides
"trans"

trans-1,4-dichloro cyclohexane