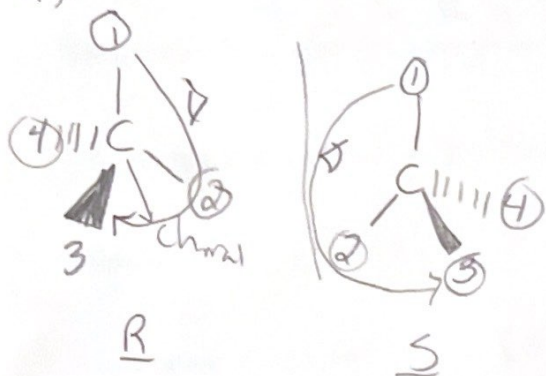


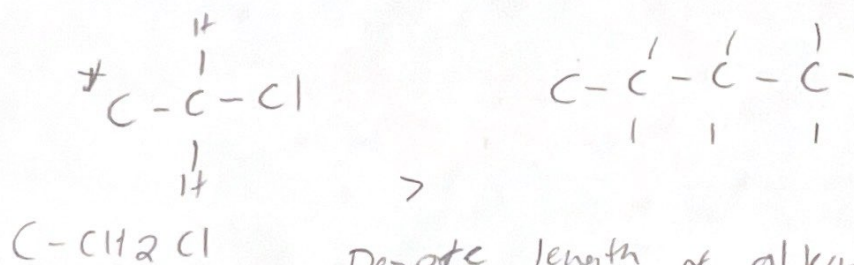
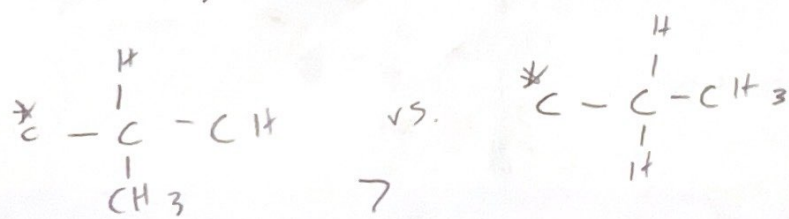
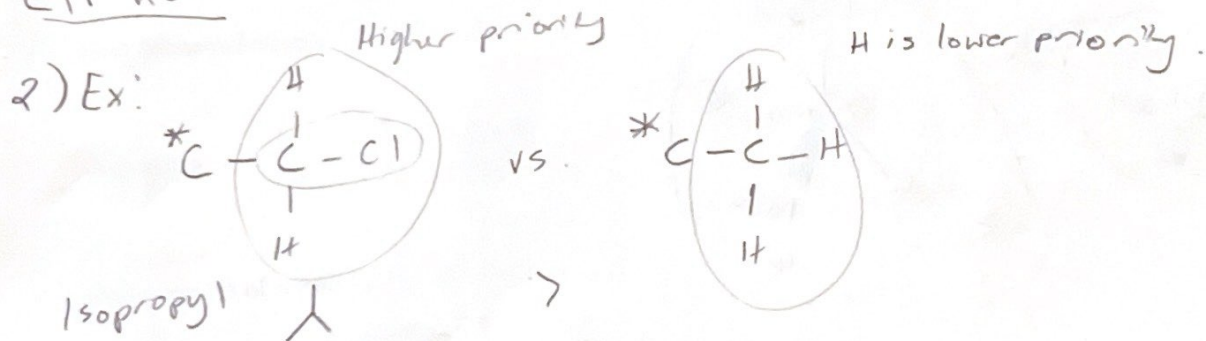
Lecture 12 - CHM2210

R,S nomenclature

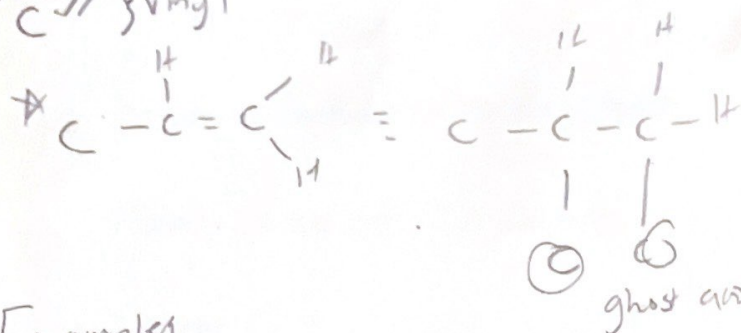
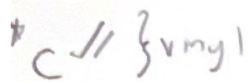


Enantiomers,
Switched config. of
chiral centers

CIP Rules

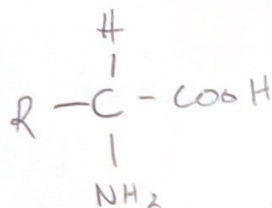


Despite length of alkene, Cl will win.

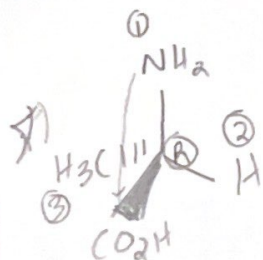
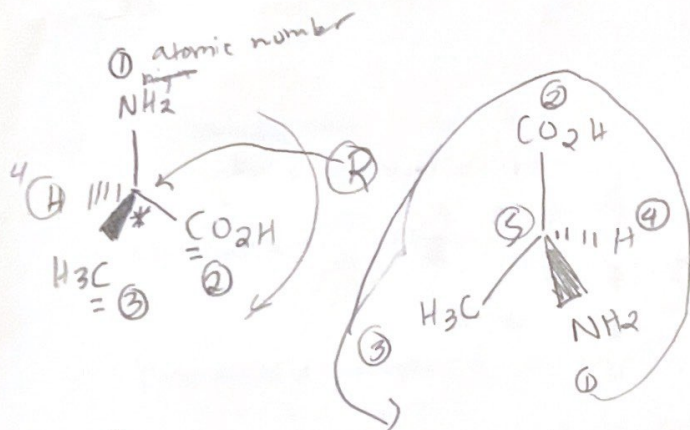
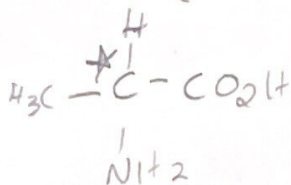


Examples

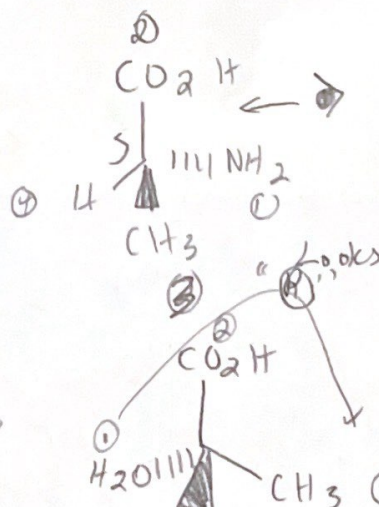
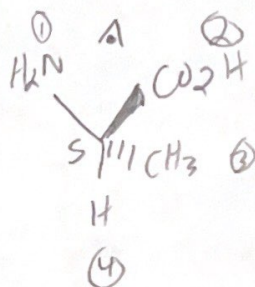
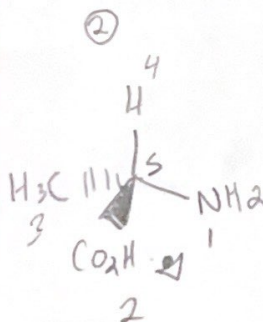
Amino Acid



Alanine (Ala; A)



R in the perspective of the eye.



it's the lowest group, we flip what we see.
"S" not "R"

Ex:

