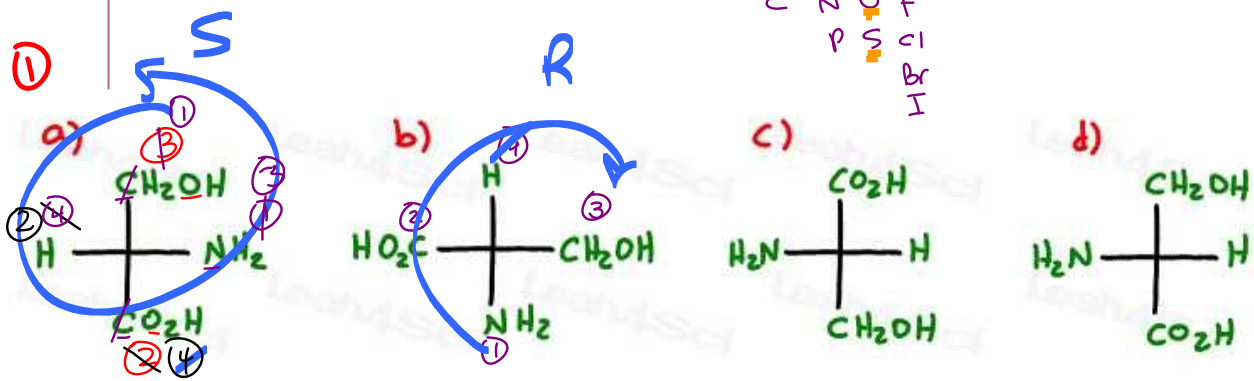


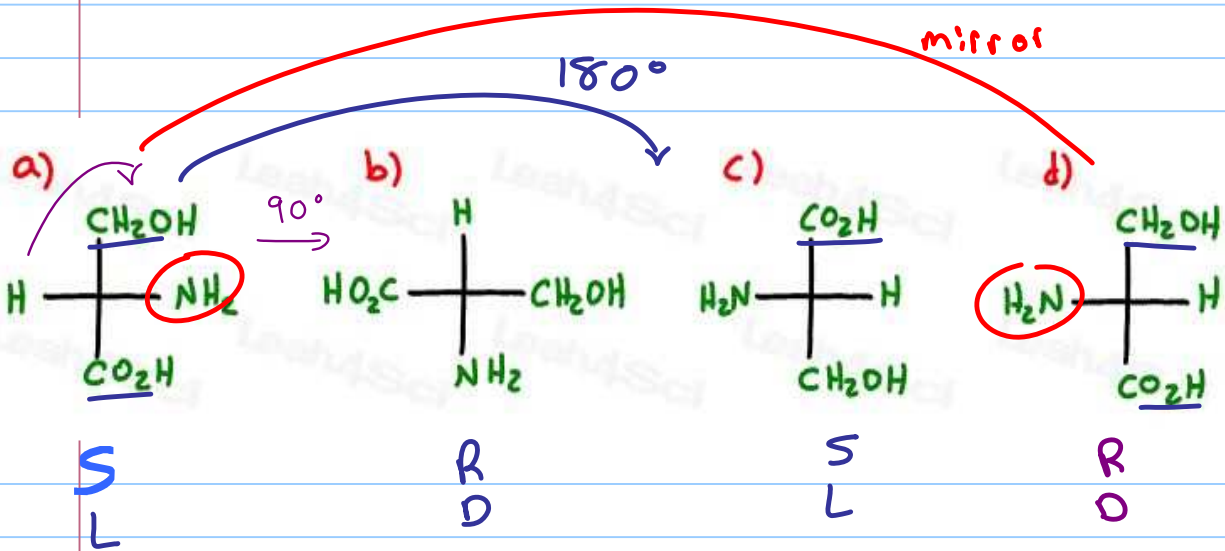
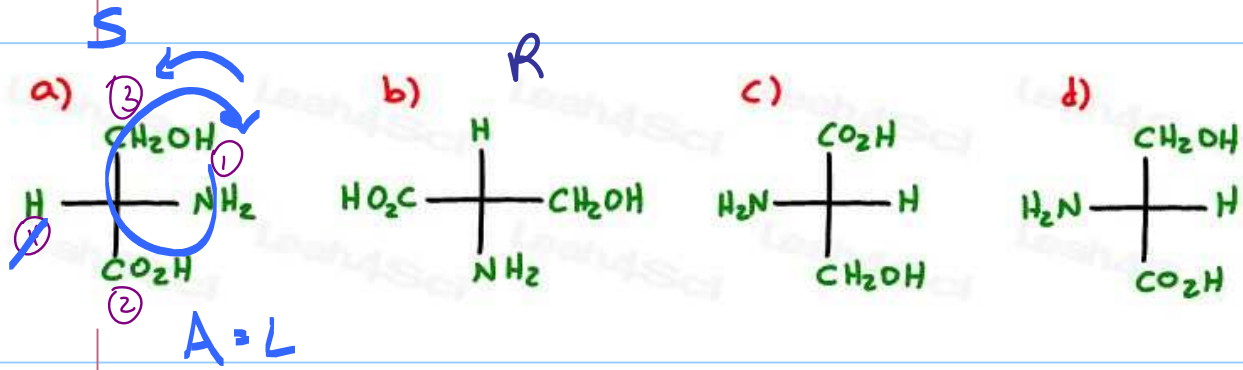
Fischer Projections Quiz



H
C N O F
P S Cl
H Br

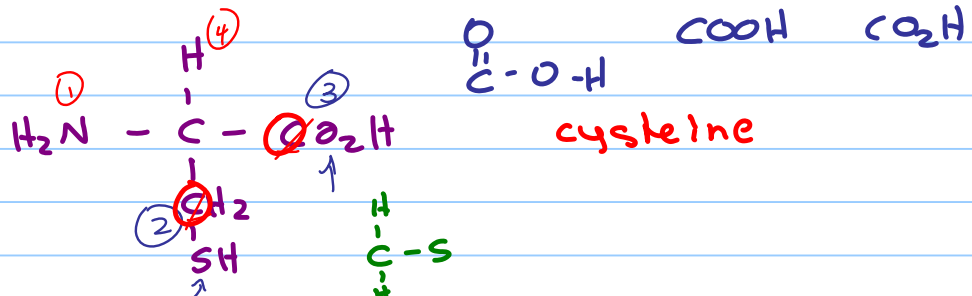
Swaps
11 = same

D = R
most aa L = S
except cysteine



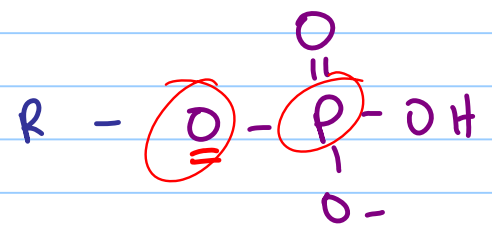
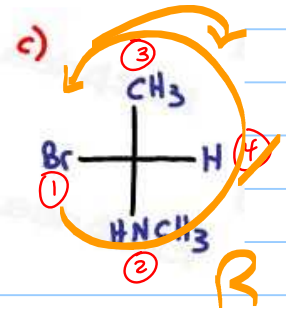
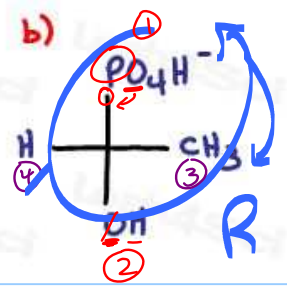
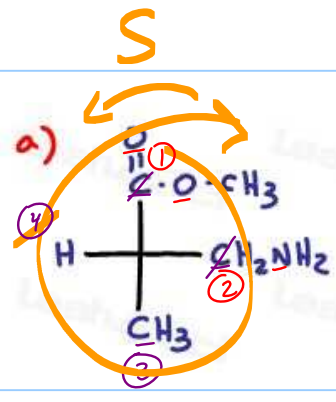
90° = enan

180° = same (2 x 90°)



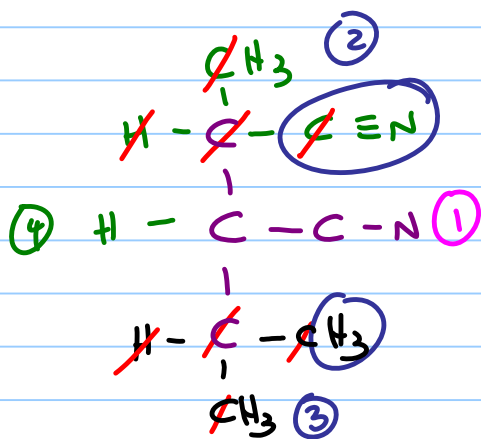
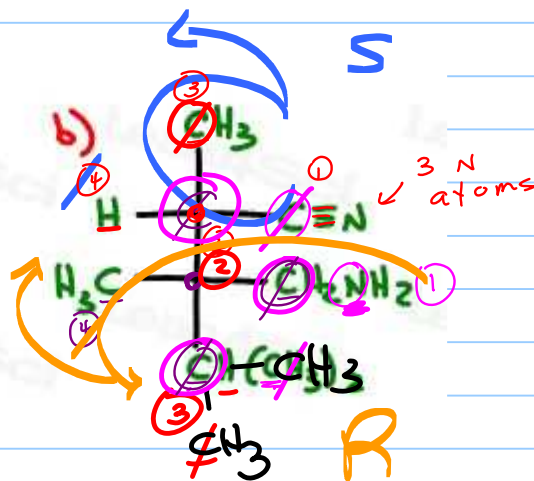
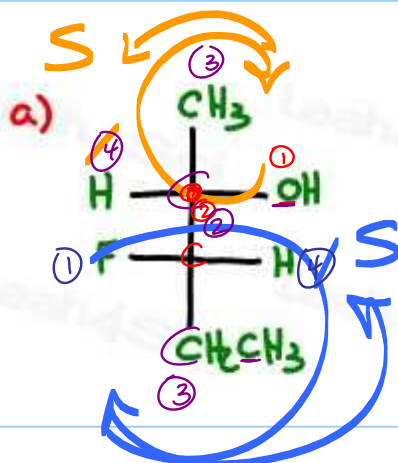
H
C N O F
P S Cl
H Br I

②

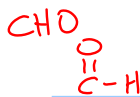
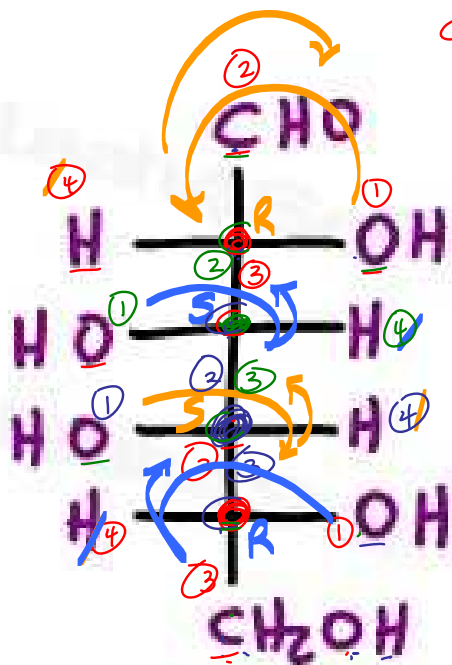


H
 C
 20 F
 15 S
 16 I
 1 H

③

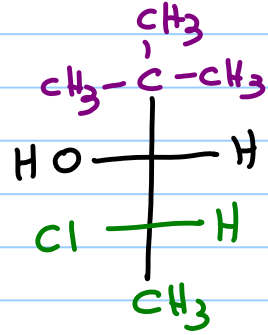
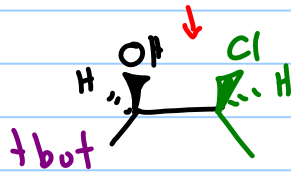
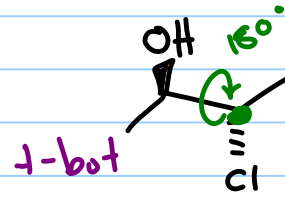
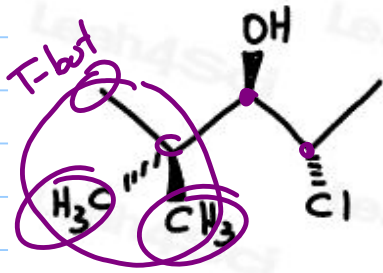


4

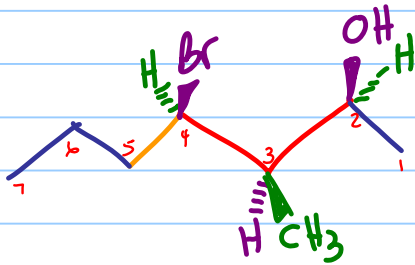
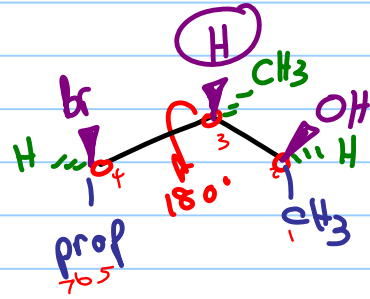
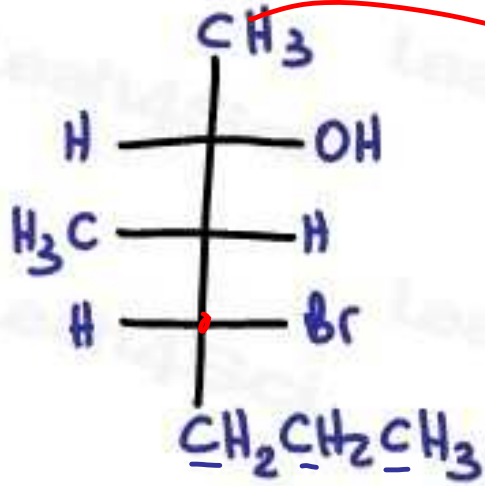


H
C NO F
PS Cl
Br
I

5

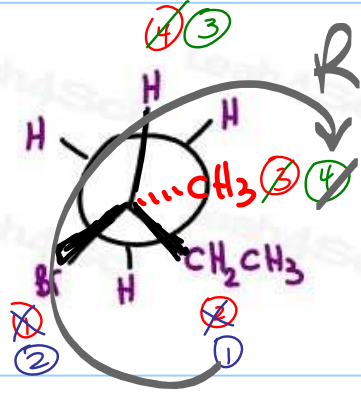


6



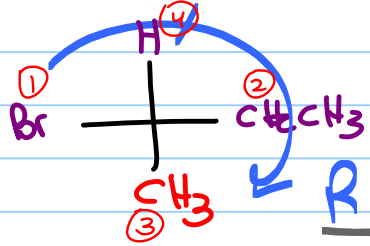
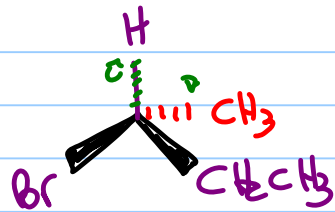
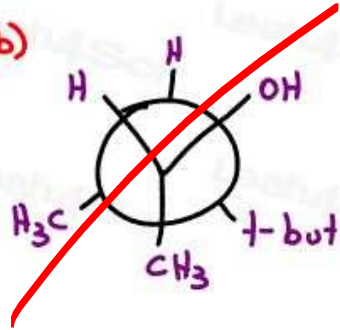
7

a)

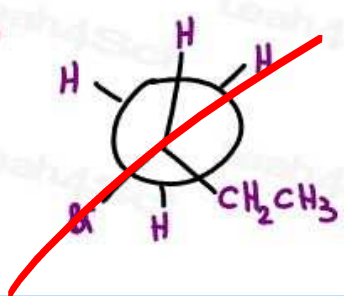


Swap
H = Same

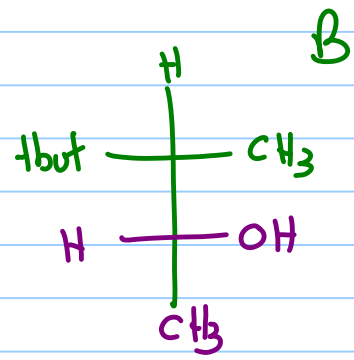
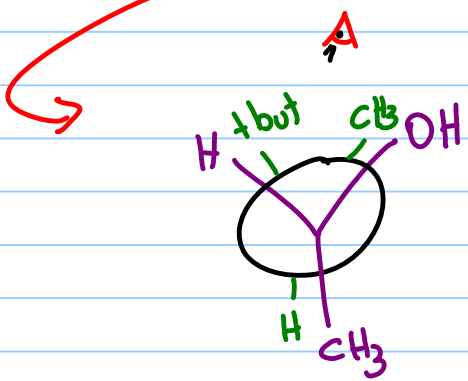
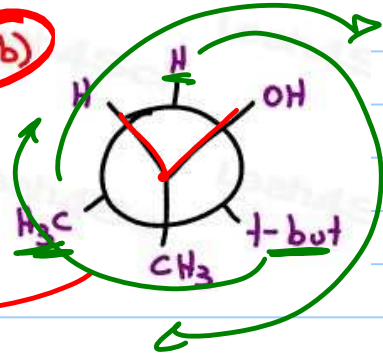
b)



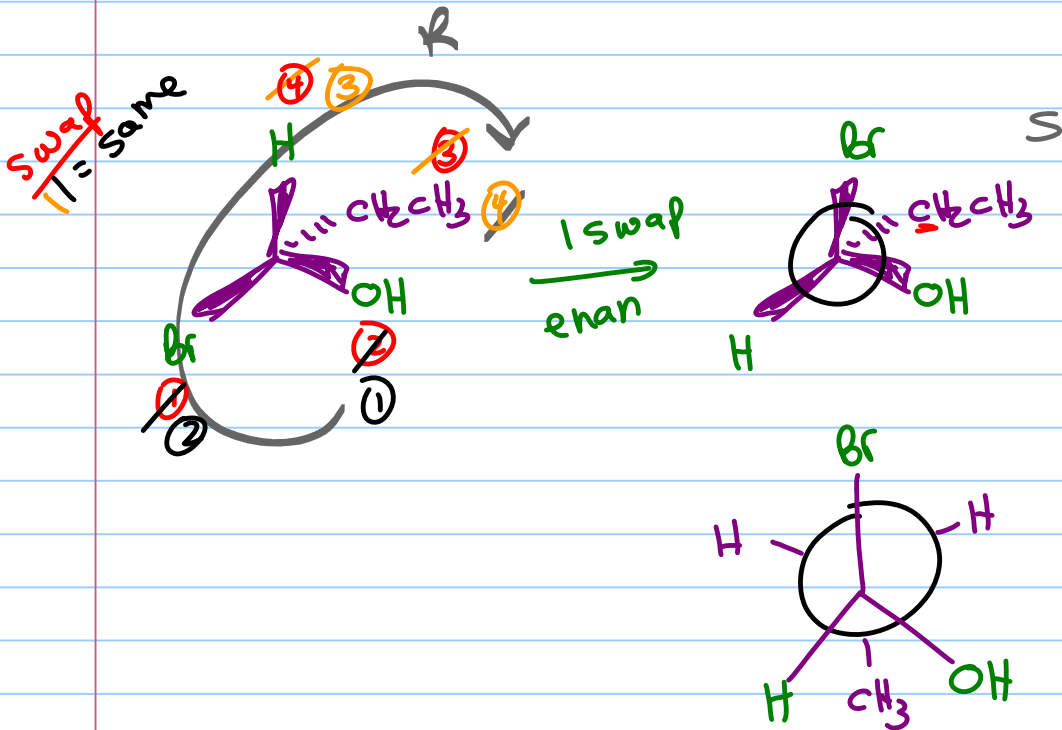
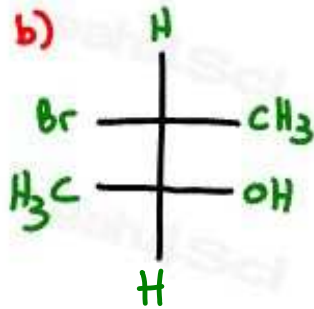
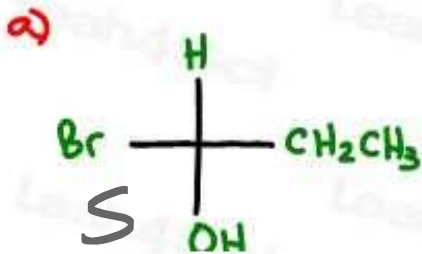
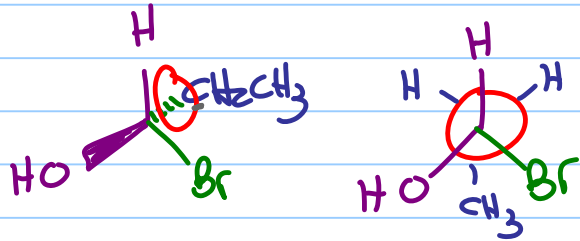
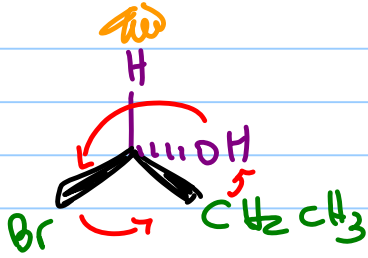
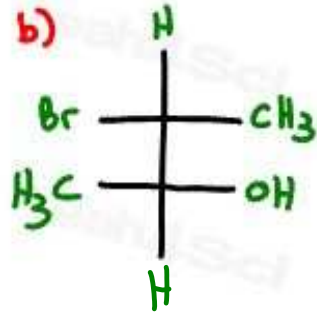
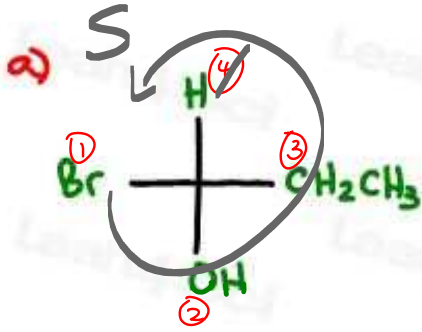
a)



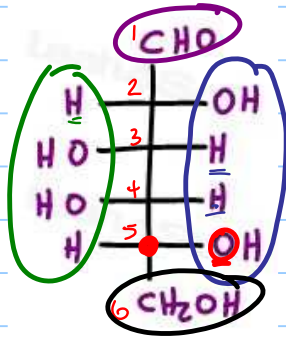
b)



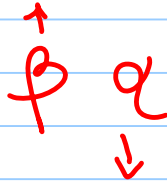
8



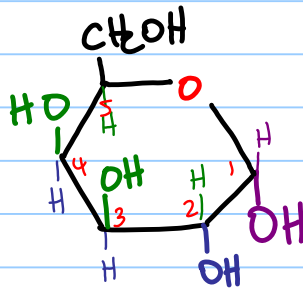
9



α -D-galactopyranose
6-ring



drop it right down
rest left up



10

↑
β-L-fructofuranose
= 5-ring

D-fructose

