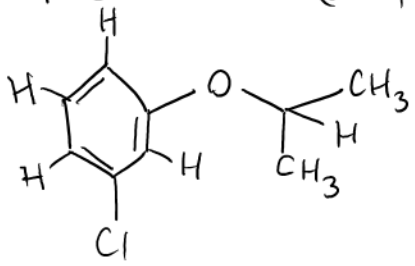
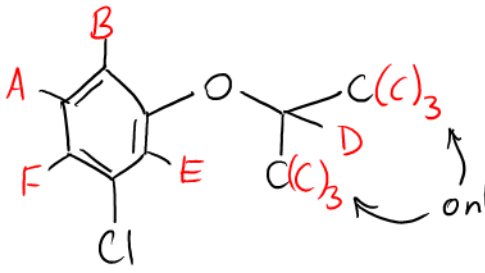
1-chloro-3-(2-propoxy)-benzene



1. Determine non-equivalent Hydrogens



only these are equivalent!

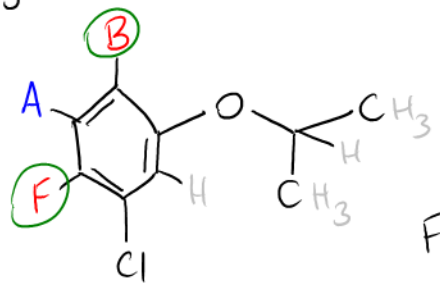
6 different letters = 6 different peaks

2. Determine type of peak for each nonequivalent Hydrogen

red = adjacent hydrogen

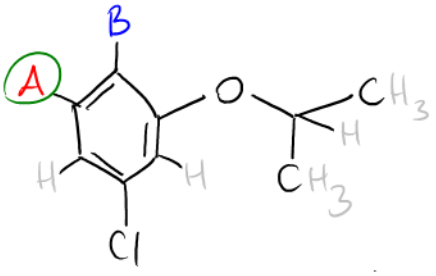
1) For A

2+1=trip

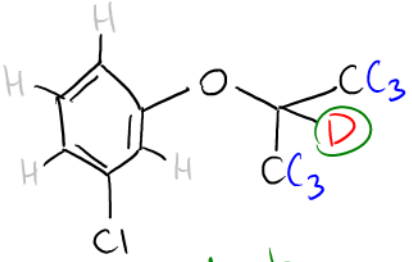


2) For B

1+1=doub

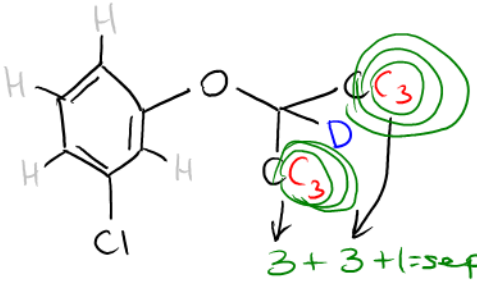


3) For C



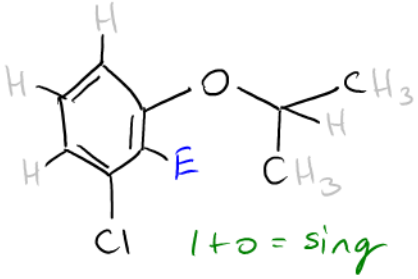
1+1=doub

For D)



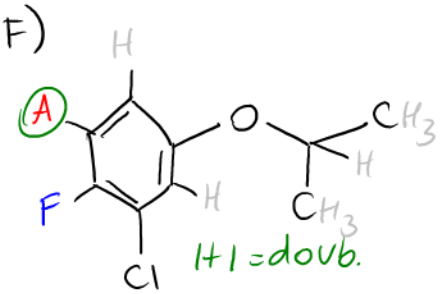
3+3+1=sept

For E)



1+0=sing

For F)



1+1=doub.