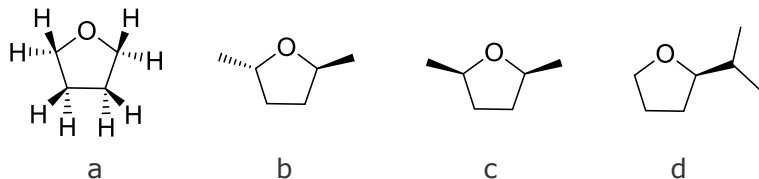
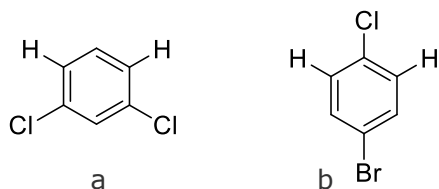




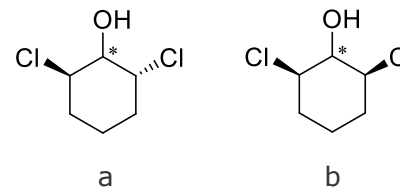
1. assign symmetry elements and point group.
2. assign homotopic, enantiotopic, diastereotopic, heterotopic groups



3. are the protons chemically or magnetically equivalent?



5. are the labeled (*) positions stereogenic?
are they chirogenic?



4. assign the configuration (*R/S* or *M/P*)

