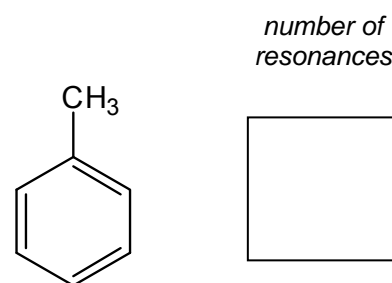
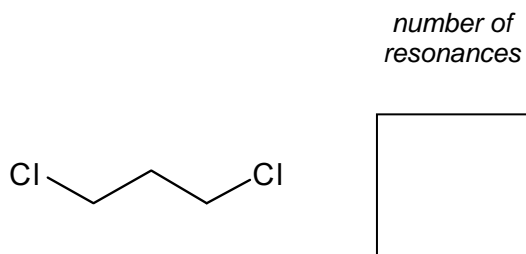


Chemistry 2301

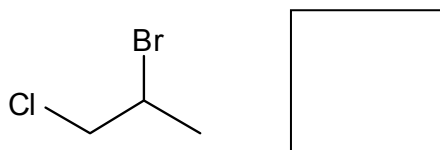
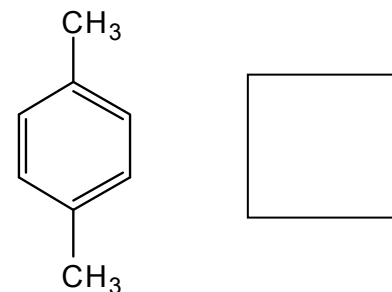
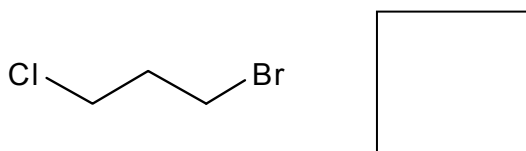
Workshop 22 Equivalent and Inequivalent Nuclei

For each of the molecules below,

- Label each inequivalent set of protons with a lower-case letter (*a, b...*);
- In the box, write the number of resonances you would expect to see in a ^1H NMR spectrum of the molecule.



*This has resonance structures. My advice:
Draw a consensus structure before deciding.*



*Tricky!
Keep definition of equivalence in mind.*

