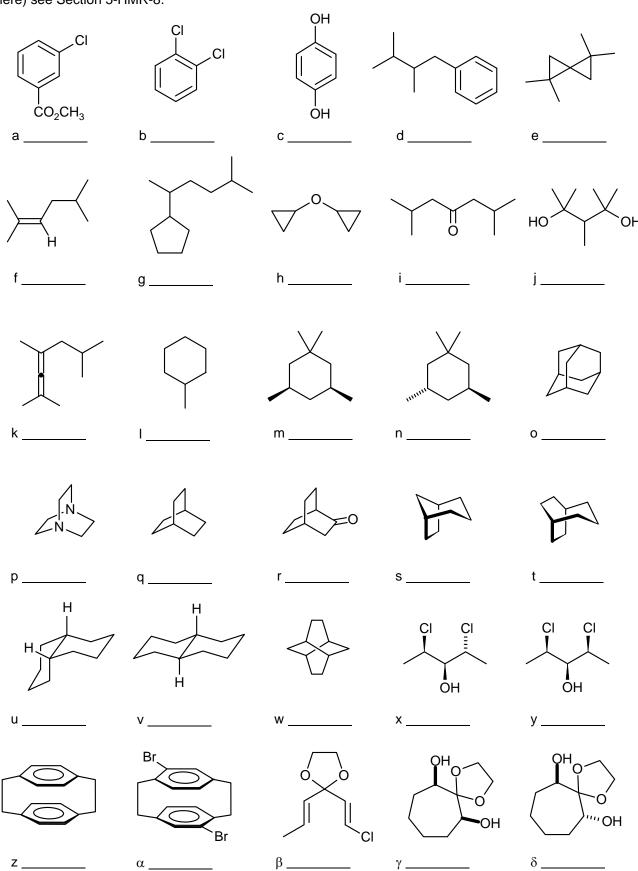
Problem R-70C. For each of the structures below, predict the number of carbon signals which will be seen in the room temperature ¹³C NMR spectrum. Assume that *rotation around single bonds will be fast*, and that there will be *no accidental equivalances*. Use the form: 6 peaks, 2:2:1:1:1:1. For diastereotopic effects (there are a number here) see Section 5-HMR-8.



Problem Set 3

Problem R-70C. For each of the structures below, predict the number of carbon signals which will be seen in the room temperature ¹³C NMR spectrum. Assume that *rotation around single bonds will be fast,* and that there will be *no accidental equivalances*. Use the form: 6 peaks, 2:2:1:1:1. For diastereotopic effects (there are a number here) see Section 5-HMR-8.

