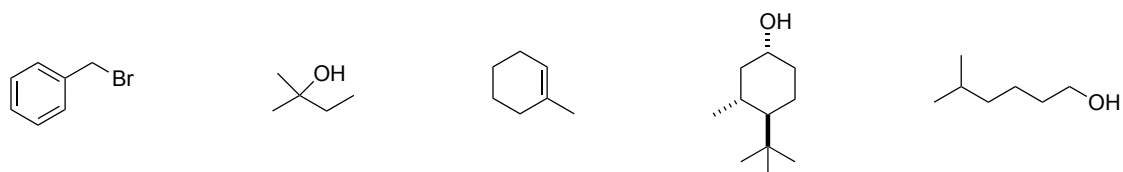


Chem 236 – Homework Assignment #7

Due December 4, 2023 (Before Lecture Begins)

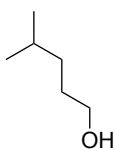
1. Determine the number of chemical shifts for each of the following compounds below.



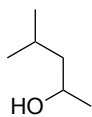
2. Determine the number of chemical shifts for each compound below and identify the multiplicity for each shift.



3. Below are the predicted ^1H NMR spectra for each of the conformation isomers. Label the peaks and determine which spectra belongs to each compound.



Chemical Formula: $\text{C}_6\text{H}_{14}\text{O}$
Molecular Weight: 102.18



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Molecular Weight: 102.18

