

**MAD ORG. CHEM. MIN. #7**LAST NAME \_\_\_\_\_ FIRST NAME \_\_\_\_\_  
SS# \_\_\_\_\_ Circle SECTION: M/W or T/Th

Determine the number of nonequivalent sets of protons and label each set (a, b, etc.). Predict the multiplicity of each signal (i. e., how many peaks is each signal split into) for each set of protons in the  $^1\text{H}$  NMR of each compound.

