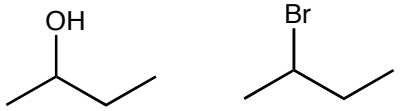
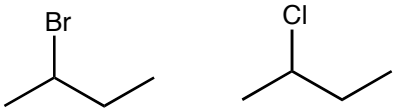
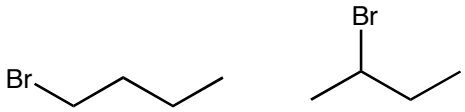
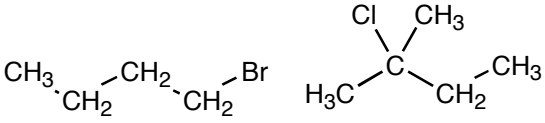
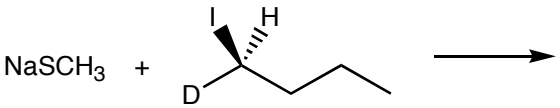
Name _____ Spring 2009
CHEM 0203 Quiz 1 (2/6)

1. For each pair of molecules,
   a. (8 pts. ea.) identify the molecule that would be the better S_N2 substrate.
   b. (8 pts. ea.) explain your choice

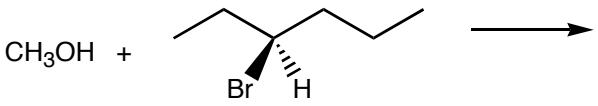
i. 	ii. 
iii. 	iv. 

2. (12 pts ea.) Predict the products of the following reactions. (8 pts ea.) Remember to consider the stereochemistry of the product(s).

a. S_N2



b. S_N1



3. (20 pts.) Draw a mechanism that can account for the product in the following S_N1 reaction.