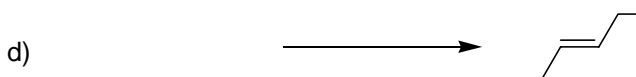
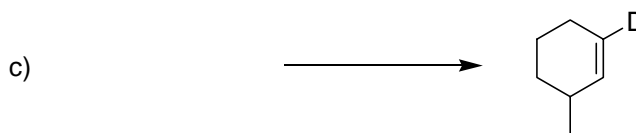
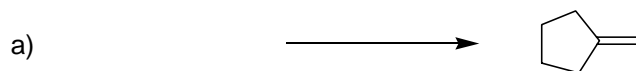


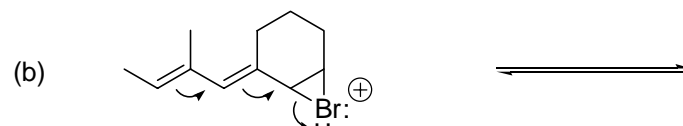
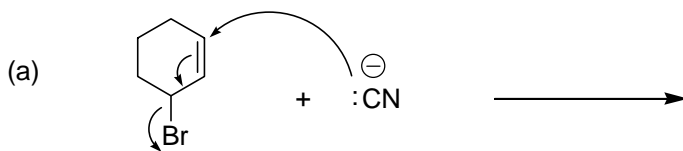
CHEM 201 (092)
Quiz # 2
Total points = 20

Name _____
ID _____

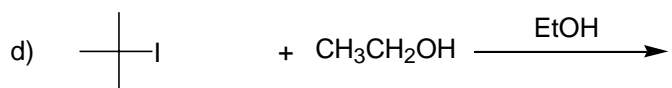
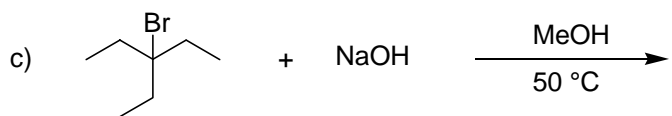
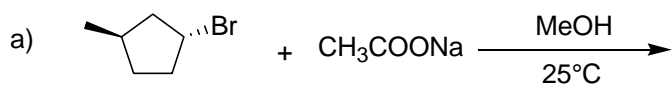
1. What alkyl bromide would give ONLY the following alkenes on dehydrohalogenation (elimination reaction) using sodium ethoxide (C_2H_5ONa) in ethanol? Show stereochemistry when necessary. [8]



2. Draw the products of the following reactions as indicated by the curved arrows. [4]



3. Draw a structural formula for the major organic product(s) of each reaction and specify the most likely mechanism for formation of the product(s) you have drawn. [8]



Dr. M. R. Imam
12/04/2010