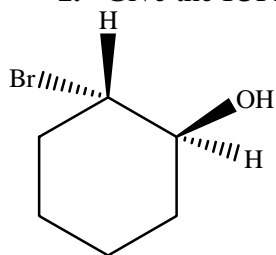
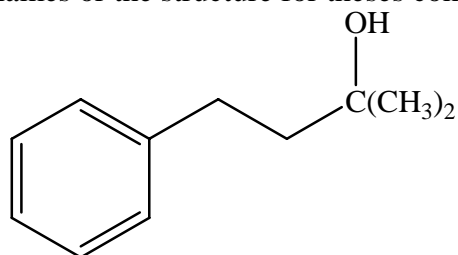


CHEM 201
Quiz # 7 Chapter 7: Alcohols

1. Give the IUPAC names or the structure for these compounds:



(a)



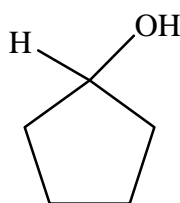
(b)

2-Ethyl-2-buten-1-ol

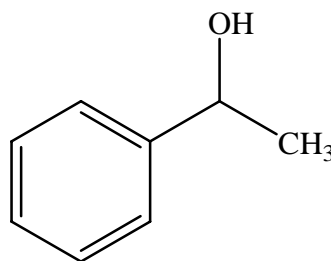
(c)

2. What compound gives each of the following alcohols with the use of

- (i) sodium borohydride (NaBH_4)?
(ii) hydration?



(a)



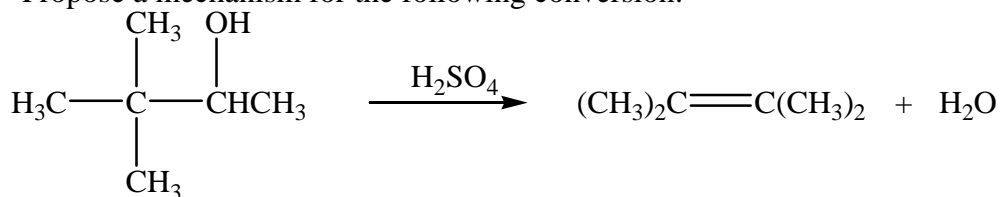
(b)

3. Show two ways on how you can use a Grignard reaction to prepare each of these alcohols:

(a) 2-phenyl-2-butanol

(b) 1-methylcyclohexanol

4. Propose a mechanism for the following conversion:



5. How would you carry out the following transformations?

