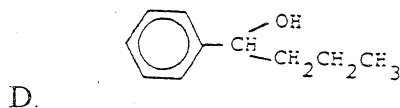
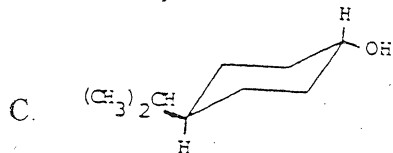
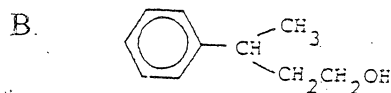
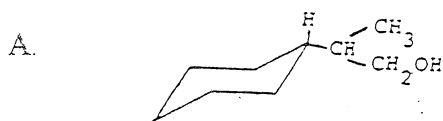
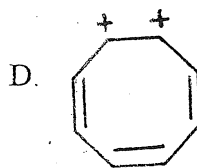
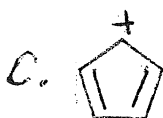
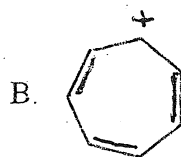


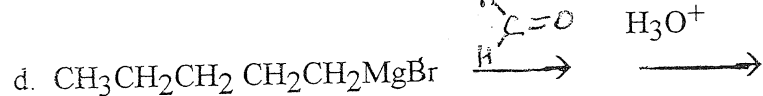
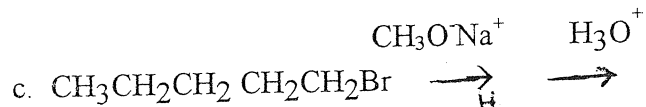
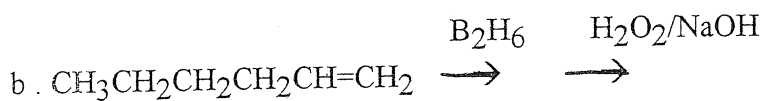
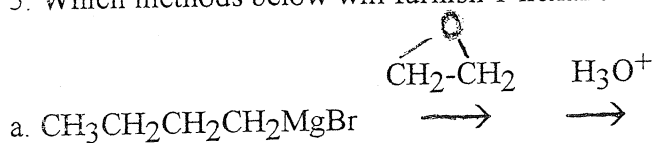
3. Sulfuric acid would dehydrate which of these alcohols **fastest** (identical reaction conditions for all)?



4. Which cation is **NOT** aromatic?



5. Which methods below will furnish 1-hexanol?



A. a, b, c

B. a, b, d

C. a, c, d

D. b, c, d

6. Reduction of a triple bond to a double bond having a *cis* geometry can be accomplished by the use of what reagent(s)?

A. Na/NH_3

B. NaBH_4

C. $\text{H}_2/\text{Pd}-\text{BaSO}_4$

D. $(\text{CH}_3\text{CO}_2)_2\text{Hg}$ in methanol