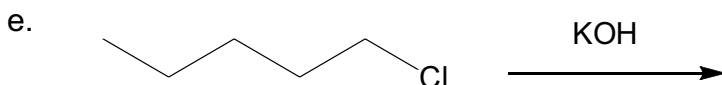
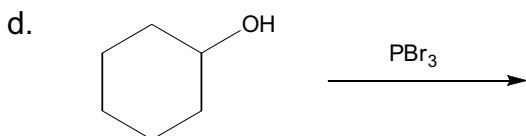
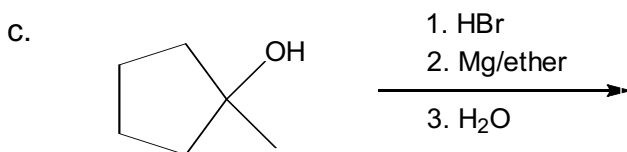
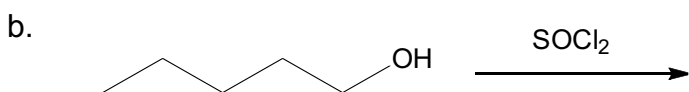
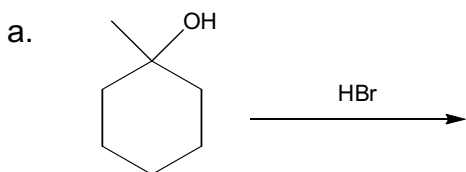
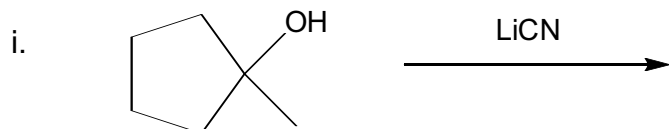
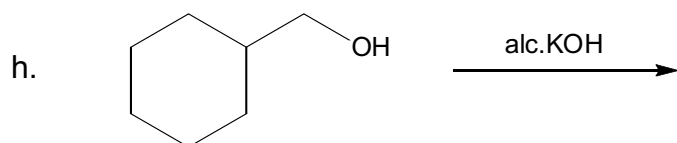
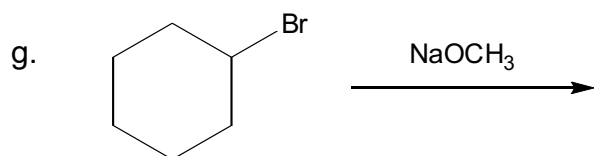
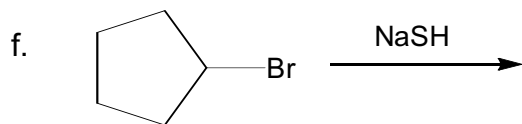


Alkyl Halides

1. Draw the **structures** corresponding to the following **IUPAC** names.
 - a. 2,3-Dimethyl-4-methylhexane.
 - b. 4-Bromo-4-ethyl-2-methylhexane.
 - c. 3-Iodo-2,2,4,4-tetramethylpentane.
 - d. 3-bromo-3-ethylpentane.
2. What **products** do you expect from the reaction of **1-bromopropane** with the following **reagents**?
 - a. NaI
 - b. NaCN
 - c. NaOH
 - d. Mg, then H₂O
 - e. NaOCH₃

3. Identify the major product in the following reactions.





4. What is the major product formed when 2-bromobutane reacts with alcoholic KOH?
5. Identify the reagent used to convert chlorocyclopentane to cyclopentene. Write the reaction.