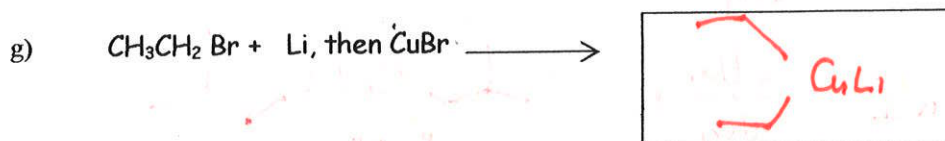
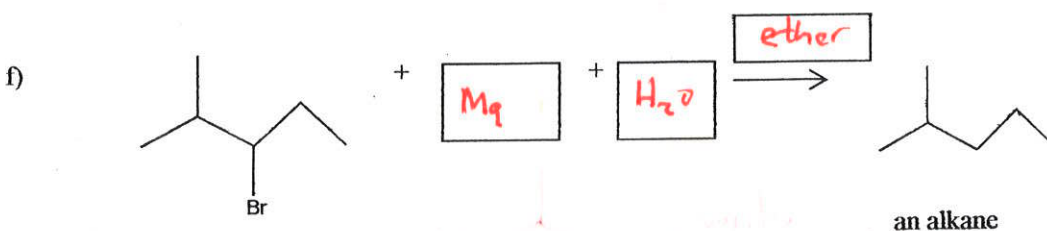
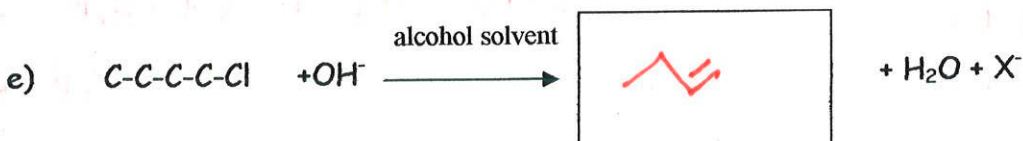
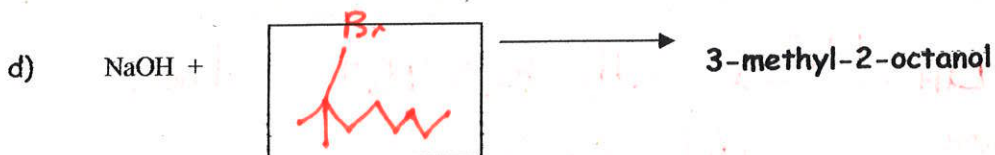
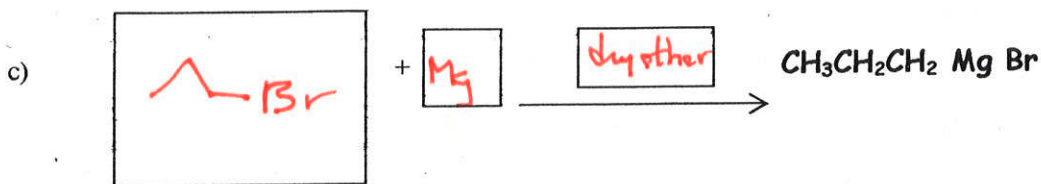
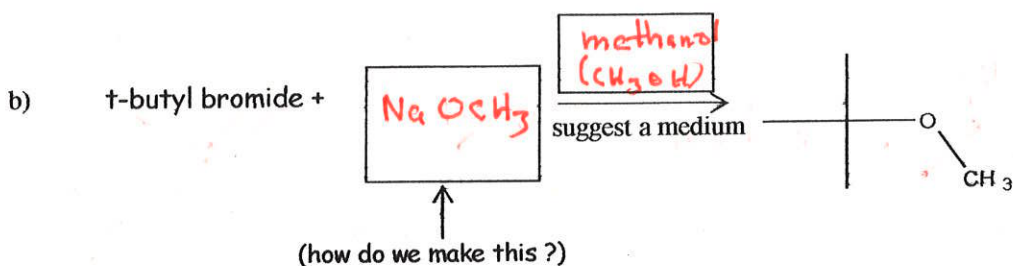
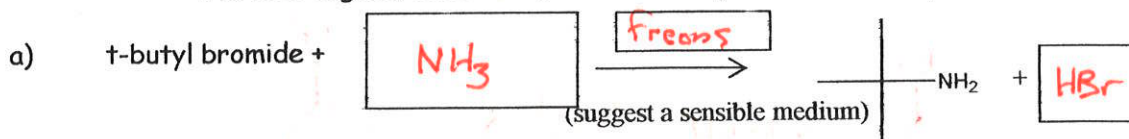


exercise #10 Reactions of Alkyl Halide EXERCISES
Organic Chem I Alfred State College

10.1 Boxing lessons

Fill the reagent, conditions, substrate or products in the open boxes below

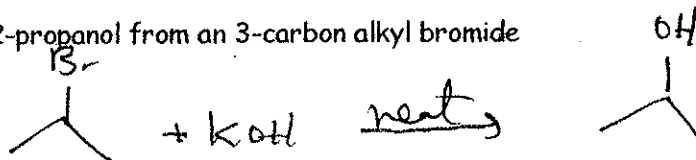


Exercise #10 (continued)

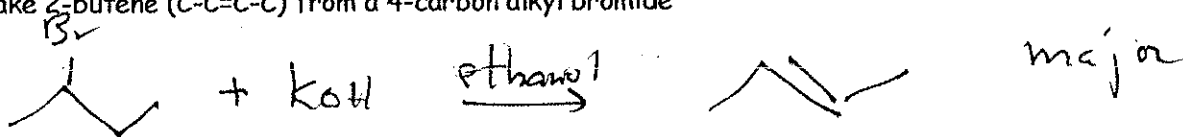
10.2 Make Me: Beginning Road Map Problems

One Step Problems

Make 2-propanol from an 3-carbon alkyl bromide



Make 2-butene (C-C=C-C) from a 4-carbon alkyl bromide

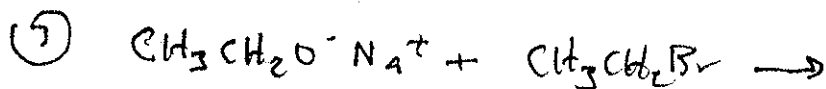
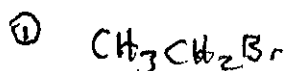
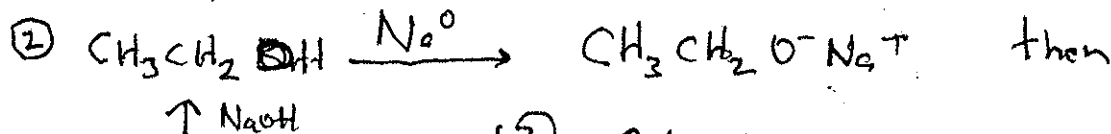


Make $\text{O}=\text{C}-\text{OCH}_2\text{CH}_3$ from acetate anion ($\text{O}=\text{C}-\text{O}^-$) and an appropriate alkyl bromide

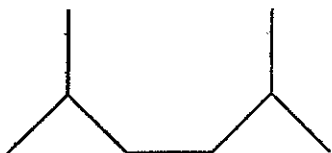


Multi-Step Problems

Make diethyl ether, $\text{CH}_3\text{CH}_2-\text{O}-\text{CH}_2\text{CH}_3$ from ethyl bromide, $\text{CH}_3\text{CH}_2-\text{Br}$



Make from a single source of alkyl halide of 4 carbons



Corey-House

