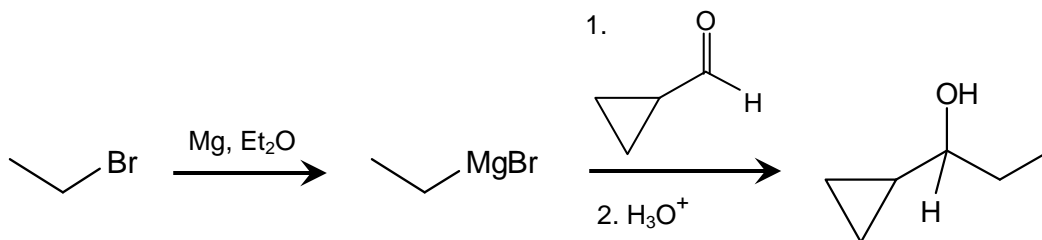
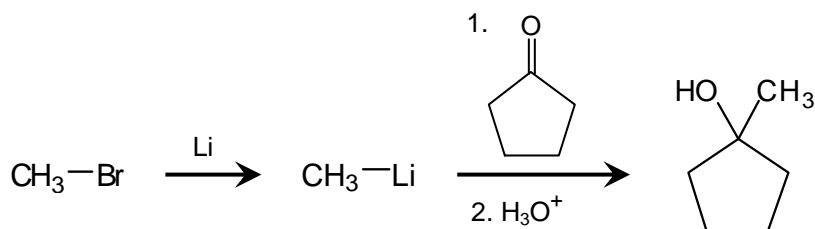
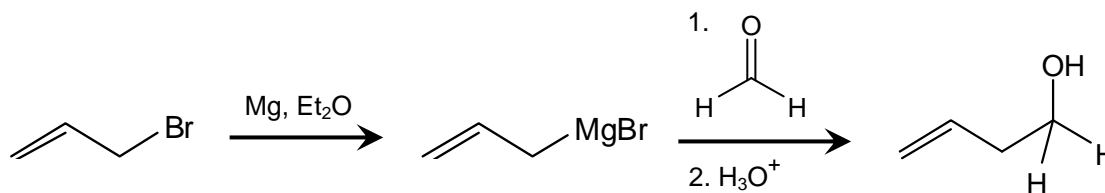
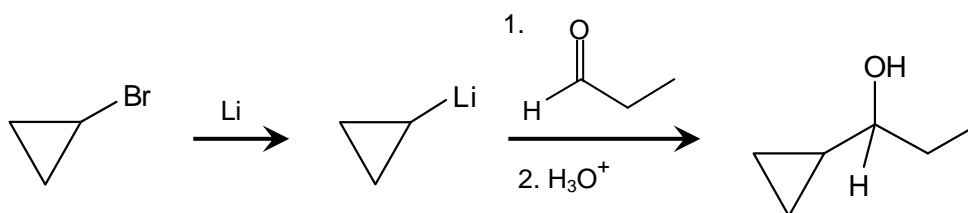


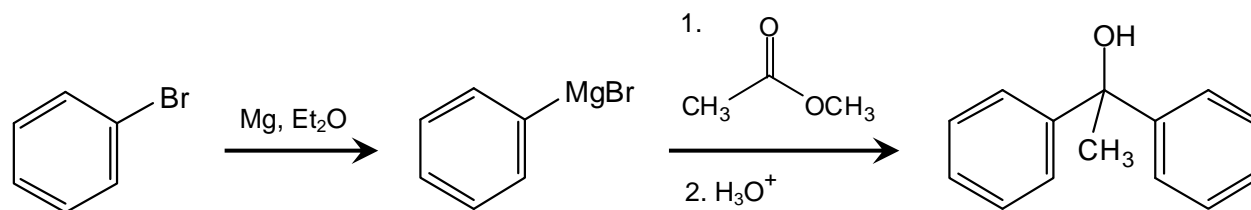
Workshop 23 Solutions
Alcohols from Alkylmetal Reagents

Unless I've indicated specifically that only one alkylmetal reagent is possible, either alkyllithiums or Grignard reagents can be used. (They are interchangeable.)



or





A number of different sequences the last one could be put together, using two different alkylmetals and a carboxylic acid. Here's one:

