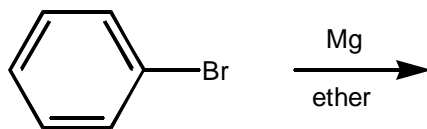


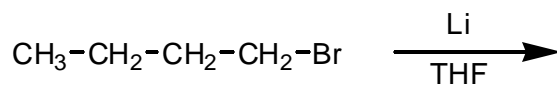
CHEMISTRY 353
G. S. Kriz
PROBLEM SOLVING SESSION #2
April 13, 2006

1. Predict the principal products for each of the reactions shown.

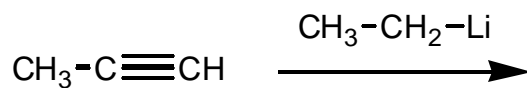
a)



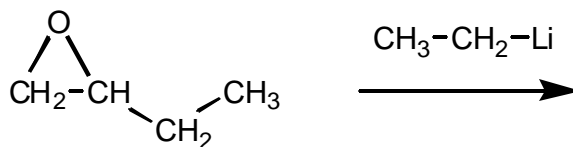
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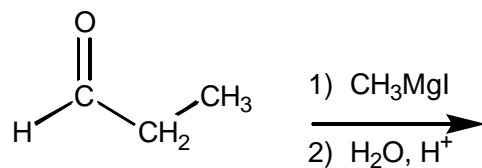
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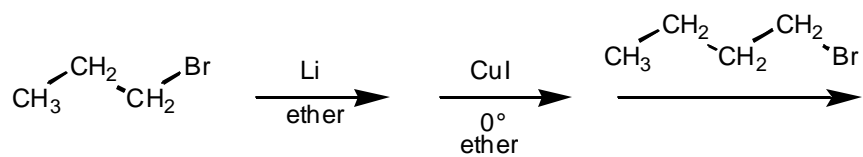
d)



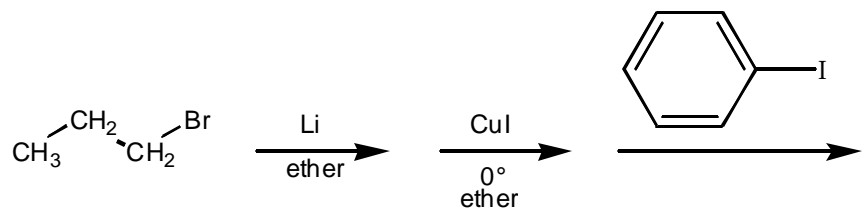
e)



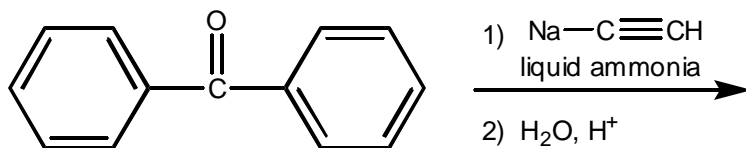
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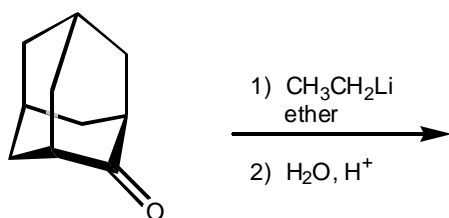
g)



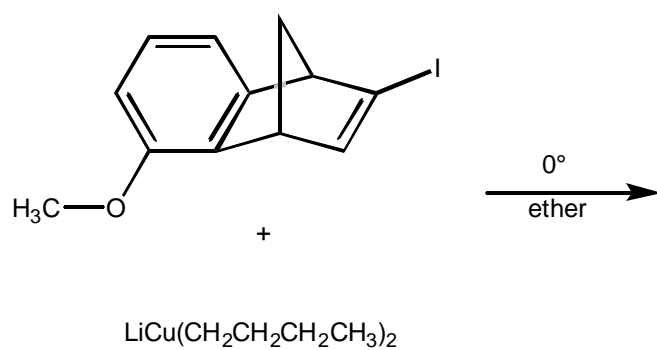
h)



i)



j)



2. Outline a synthesis that involves an organomagnesium reagent for the following.

