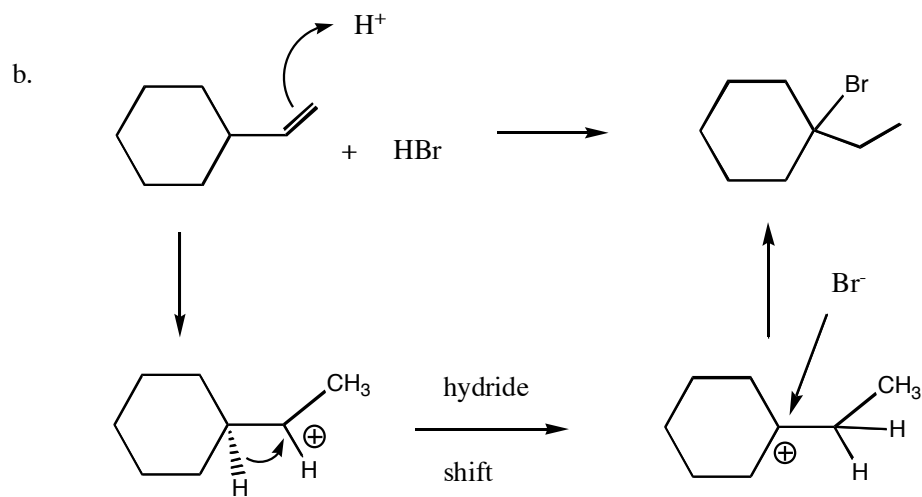
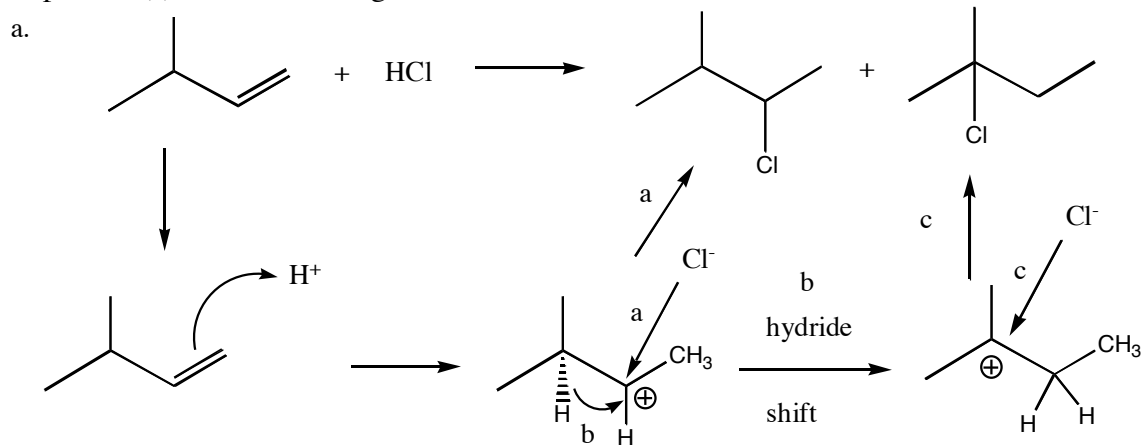
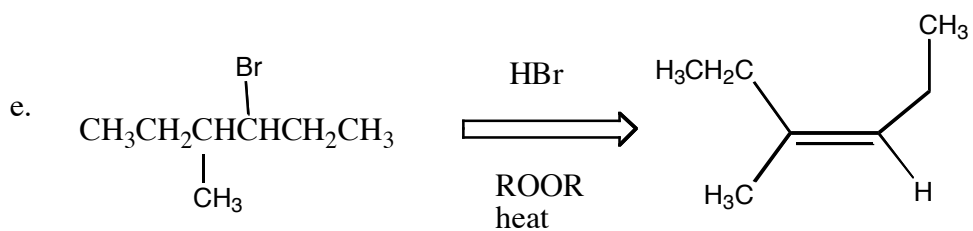
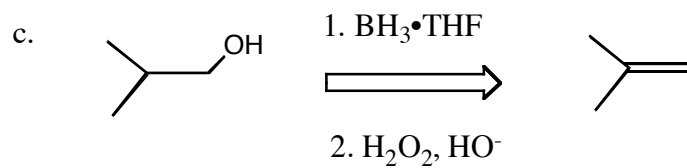
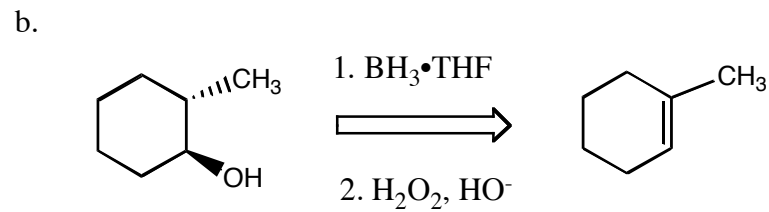
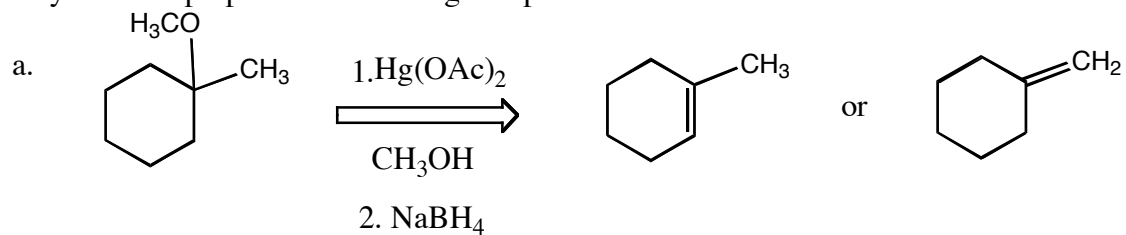


Additional Problems for practice:

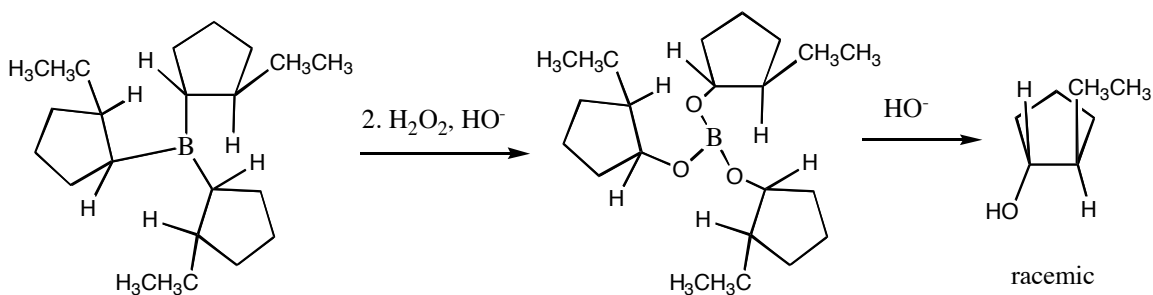
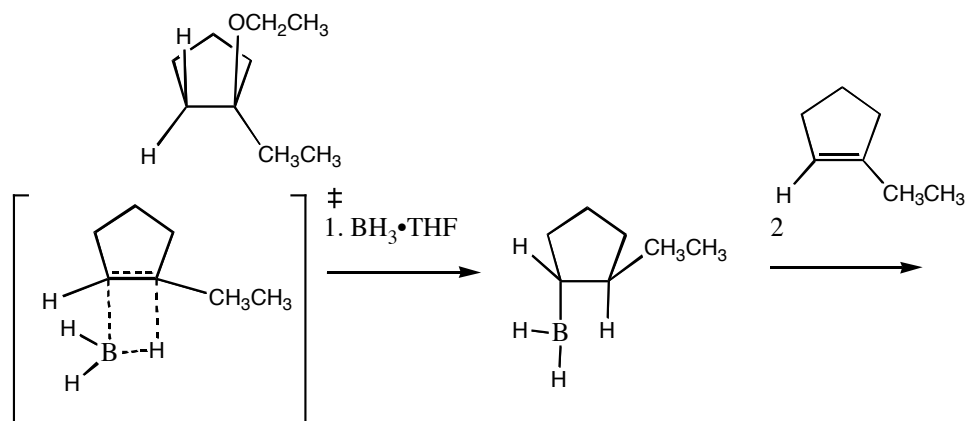
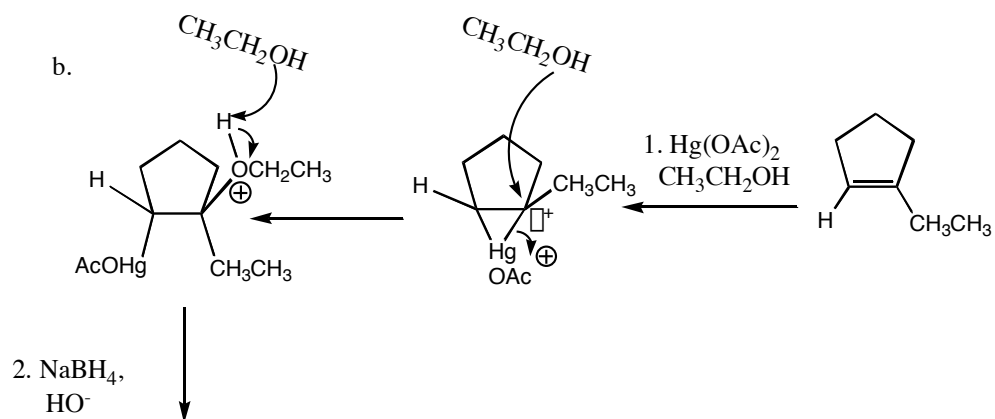
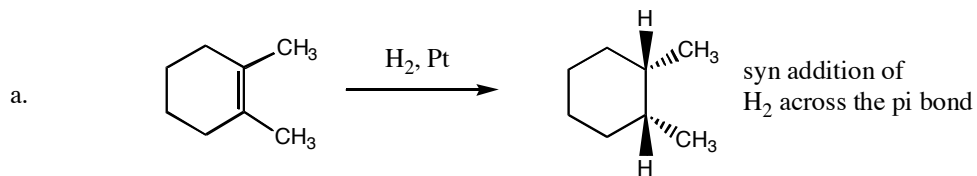
1.) Write a mechanism which accounts for the formation of the observed product(s) in the following reactions:

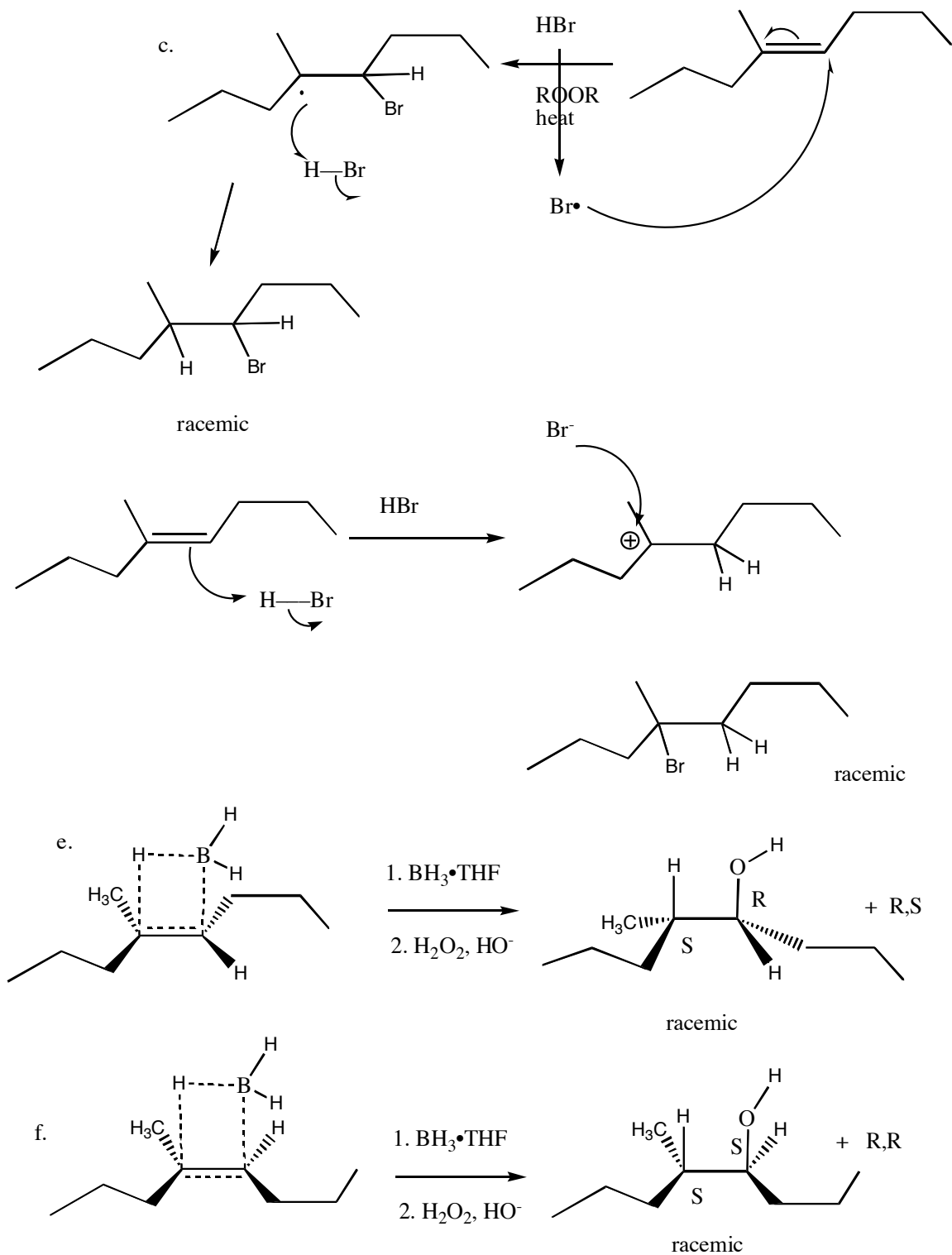


2.) Show how you could prepare the following compounds from an alkene:



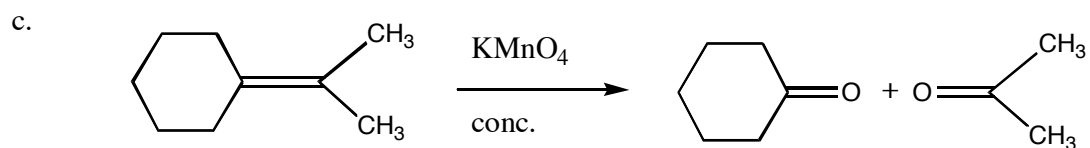
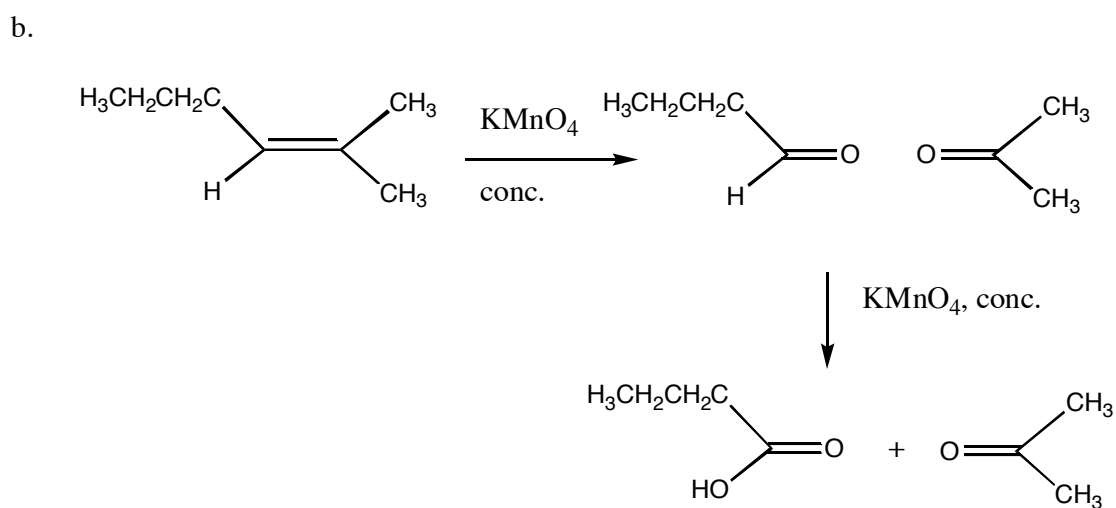
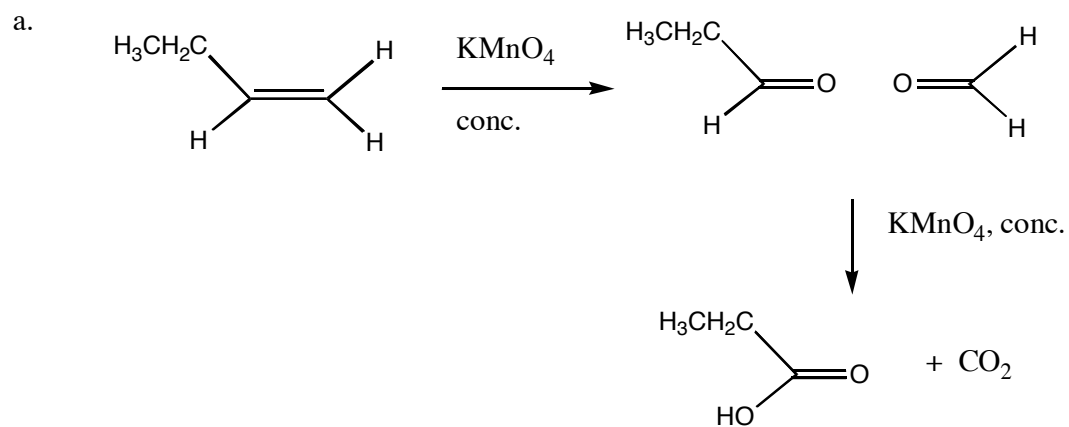
3.) Draw mechanisms for and show the products of the following reactions. Remember to indicate the regio- and stereochemistry of the products



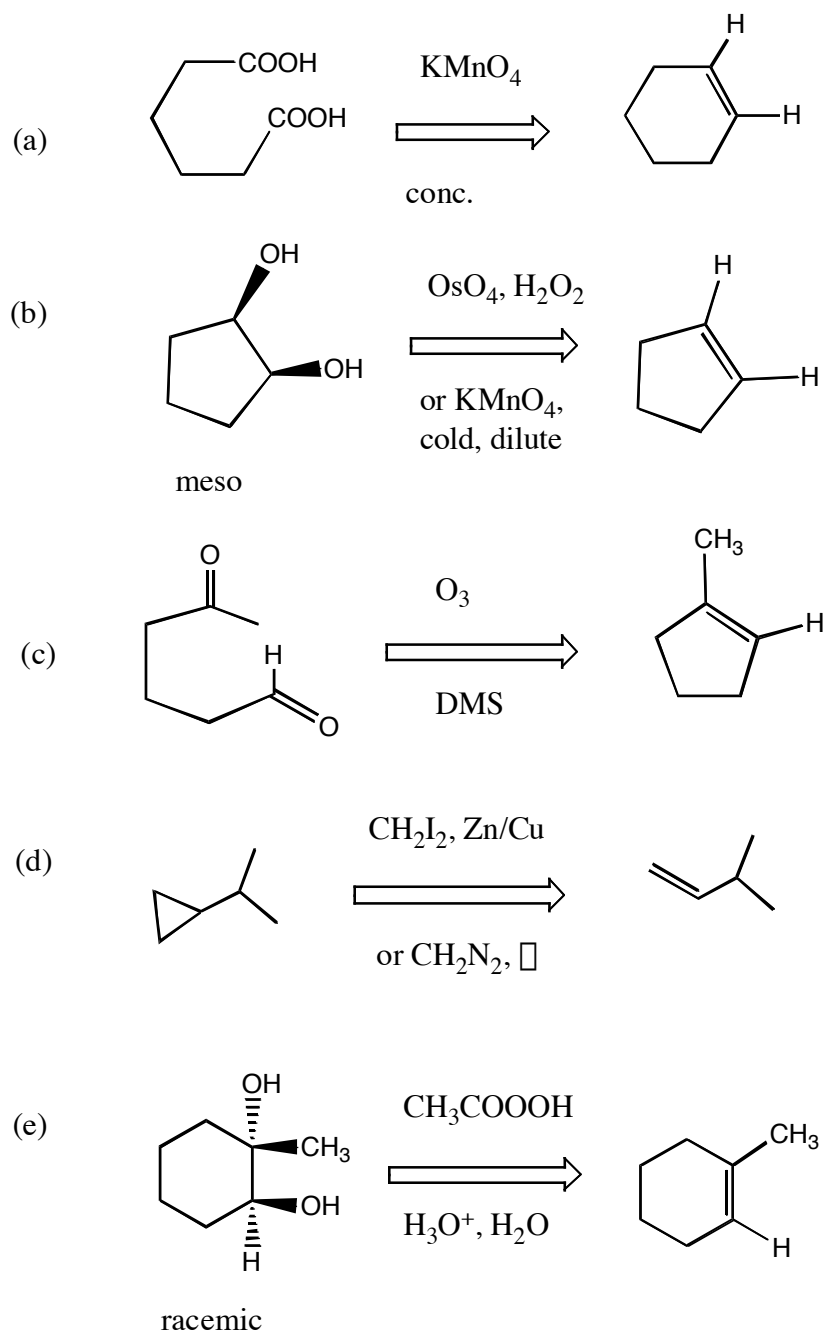


Additional Problems for practice:

1. Show the structures of alkenes that give the following products upon reaction with warm, concentrated KMnO_4



2.) Show how you could prepare the following compounds from an alkene:



4.) Draw reasonable mechanisms for the following reactions:

