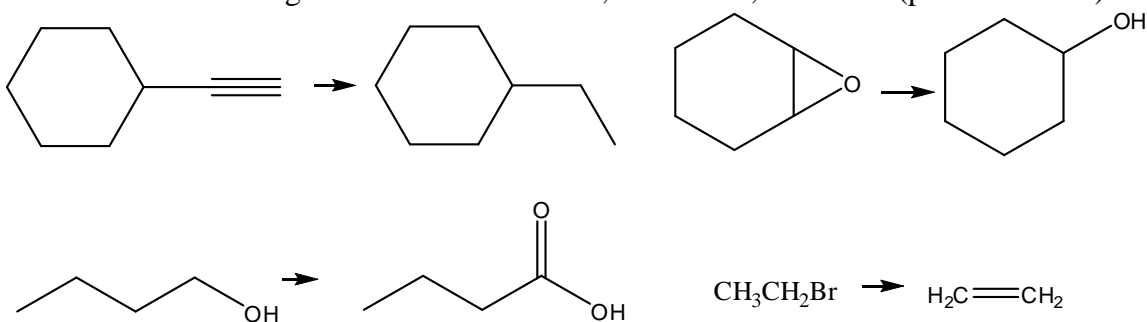
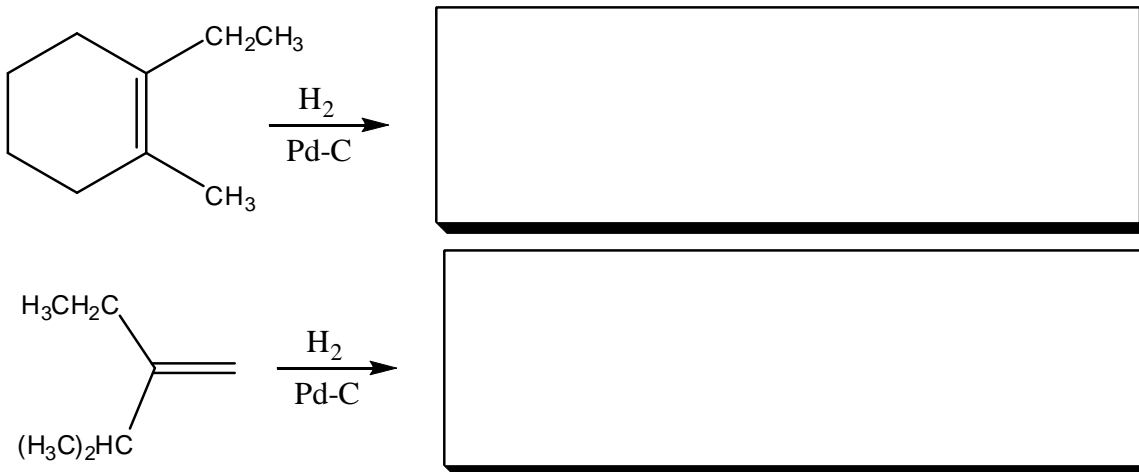


Discussion Problem Set 14  
Oxidation and Reduction

1. Label the following reactions as oxidations, reductions, or neither (problem 12.31)



2. Predict the product(s), including stereochemistry (problem 12.32cd).



3. For the alkenes below, (a) rank them in order of increasing heat of hydrogenation, and (b) predict the products of their reaction with ozone, followed by zinc and water. (problem 12.35)

