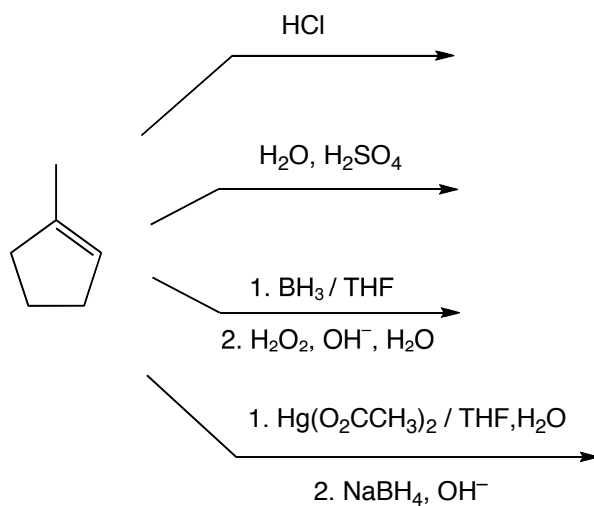


Recitation Week 12

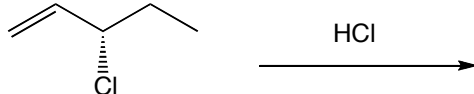
4/10/13

1. Give the major organic products of these reactions (make sure to include the stereochemistry for parts b and d):

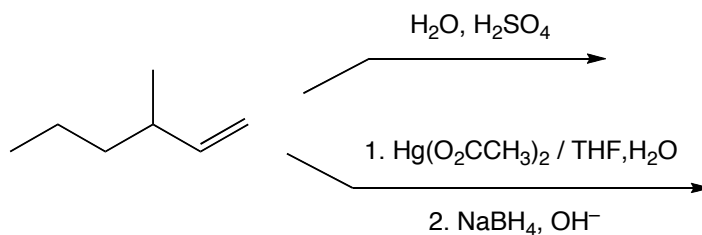
(a)



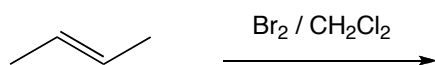
(b)



(c)

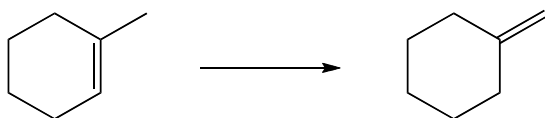


(d)



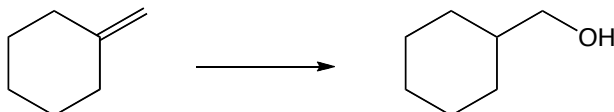
2. How would you do the following transformations?

(a)



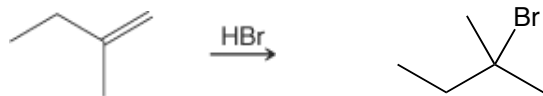
(hint: do an addition, followed by an elimination)

(b)

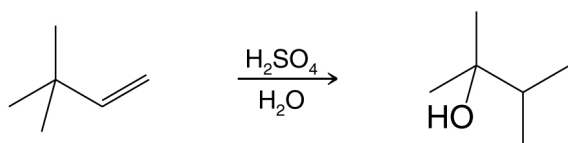


3. Propose mechanisms for the following reactions:

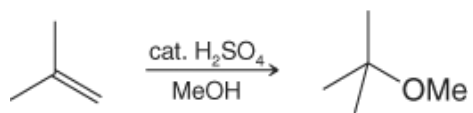
(a)



(b)



(c)



(Me = methyl, CH₃; "cat." means a catalytic amount)

(d)

