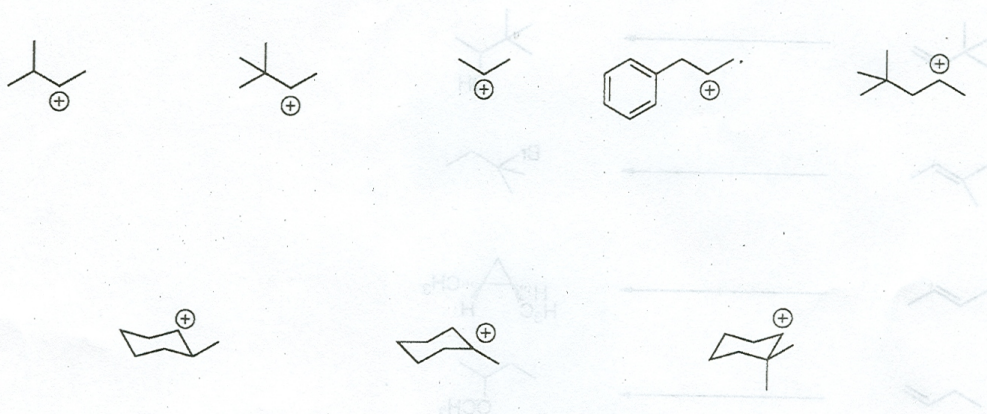
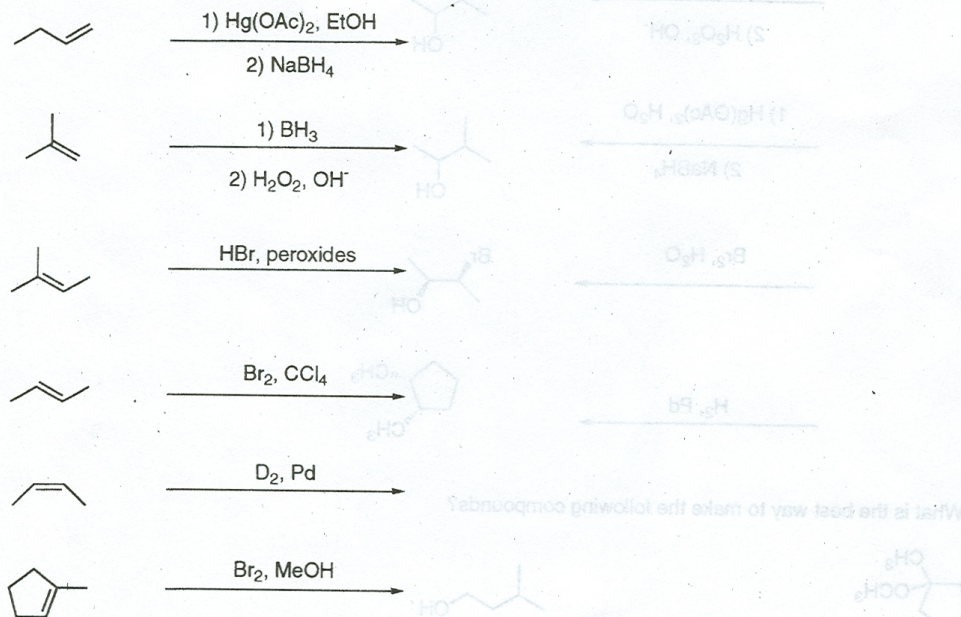


Organic I Chemistry  
Practice Problems  
Dr. Davies

1. If the following carbocations are subject to rearrangement, name the shift (hydride/methyl) and show the product.

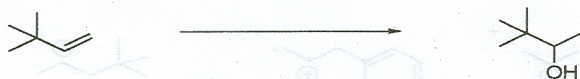


2. Give the products of the following reactions. Also indicate stereochemistry, whether the reaction proceeds with anti or syn addition and Markovnikov or Anti-Markovnikov addition where applicable. (Know these reactions forwards...)

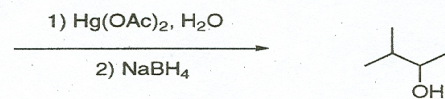
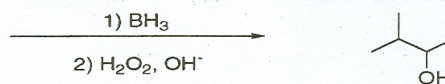


Organic I Chemistry  
Practice Problems  
Dr. Davies

3. Give the best reagents for the following reactions. (Know these reactions forwards, in between...)



4. Give the starting alkene. (Know these reactions forwards, in between, and backwards).



5. What is the best way to make the following compounds?

