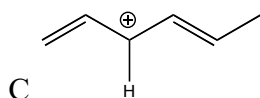
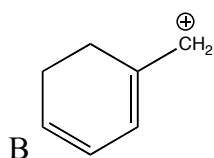
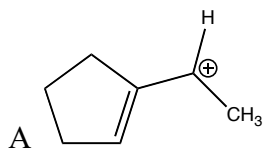


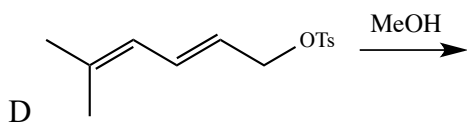
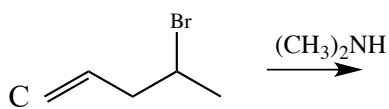
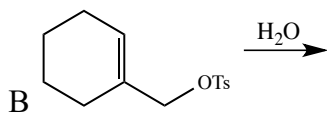
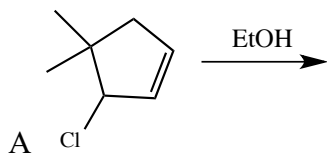
Chapter 17 Practice Problems

Allylic Carbocations and Conjugated Dienes

1. Draw all important resonance forms for the following carbocations using curved arrows to interconvert structures, and proper resonance signs:

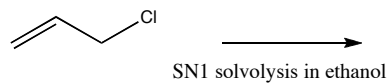
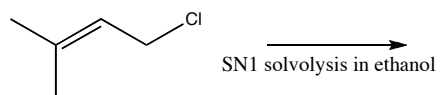


2. Predict the products for the following S_N1 reactions. Label the major product:



3. Explain the following observation:

the rate of the first reaction is 6000 times faster than the second



4. Predict the products of the following reactions with one equivalent each of the corresponding HX:

