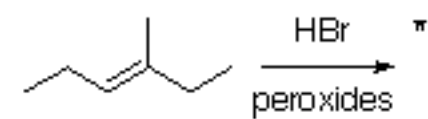
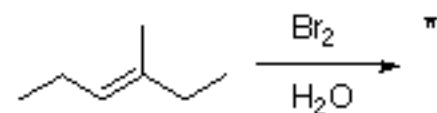
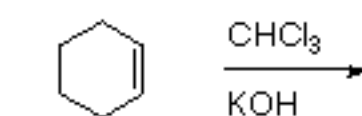
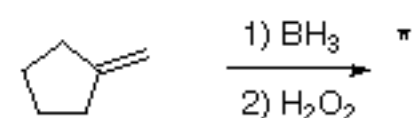
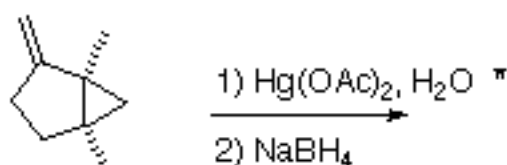
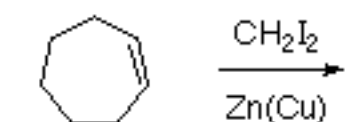
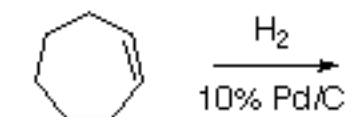
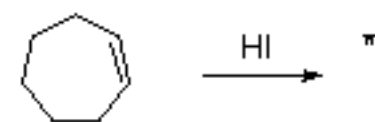
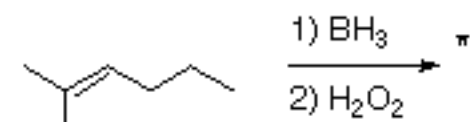
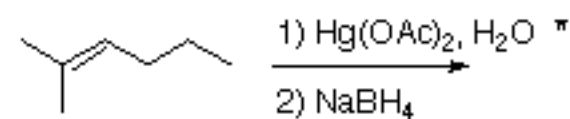
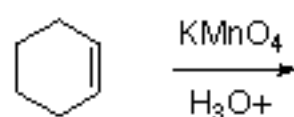
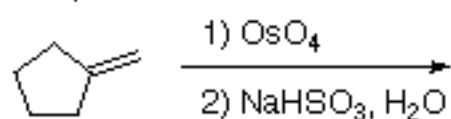
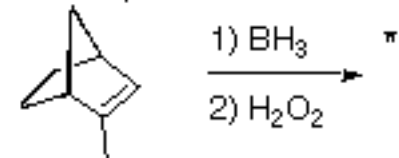
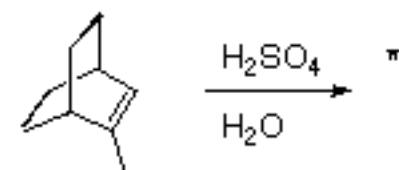
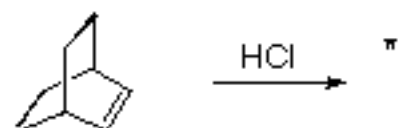
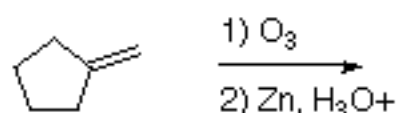
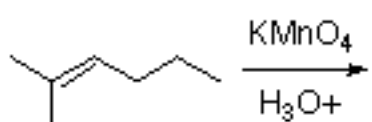
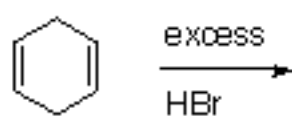
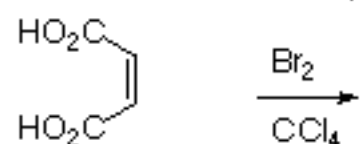
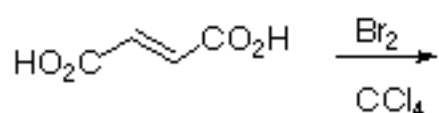
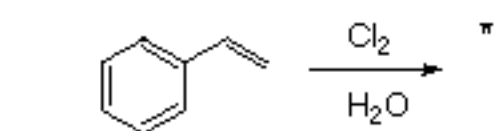
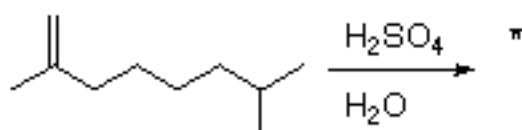
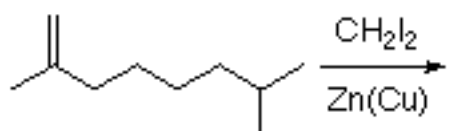
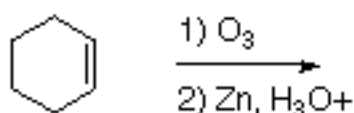
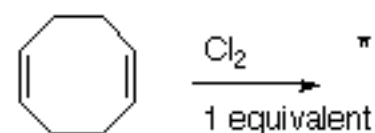
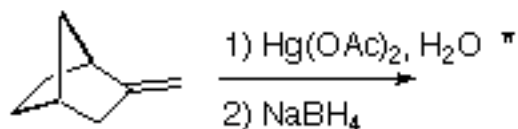
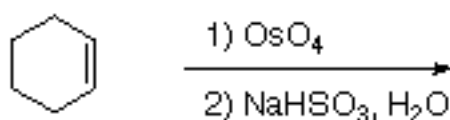
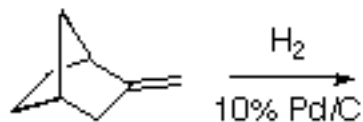
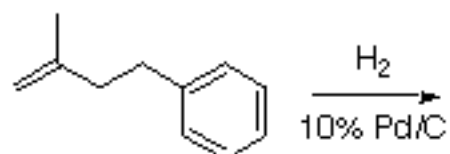
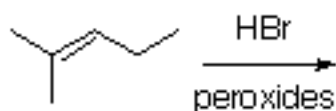
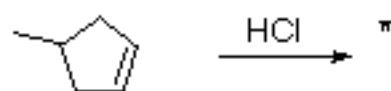
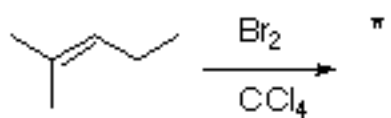


1. Give the organic products for the following reactions. When mixtures are formed, indicate the major product.



2. Write a mechanism for each problem notated with an  $\pi$ .