

Name

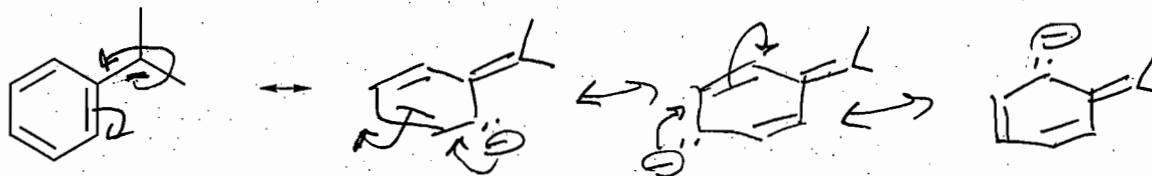
Key

Chem 343 Reich Quiz 9B
November 9, 2007

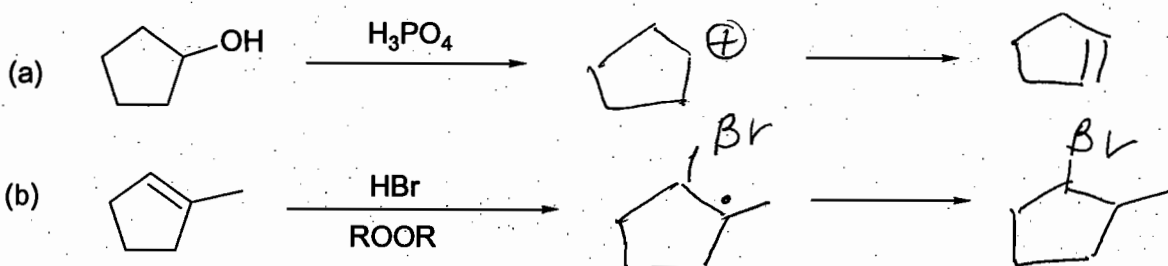
1. Draw the stabilized radical (2 resonance structures) that is the chain carrier in the radical polymerization of acrylonitrile.



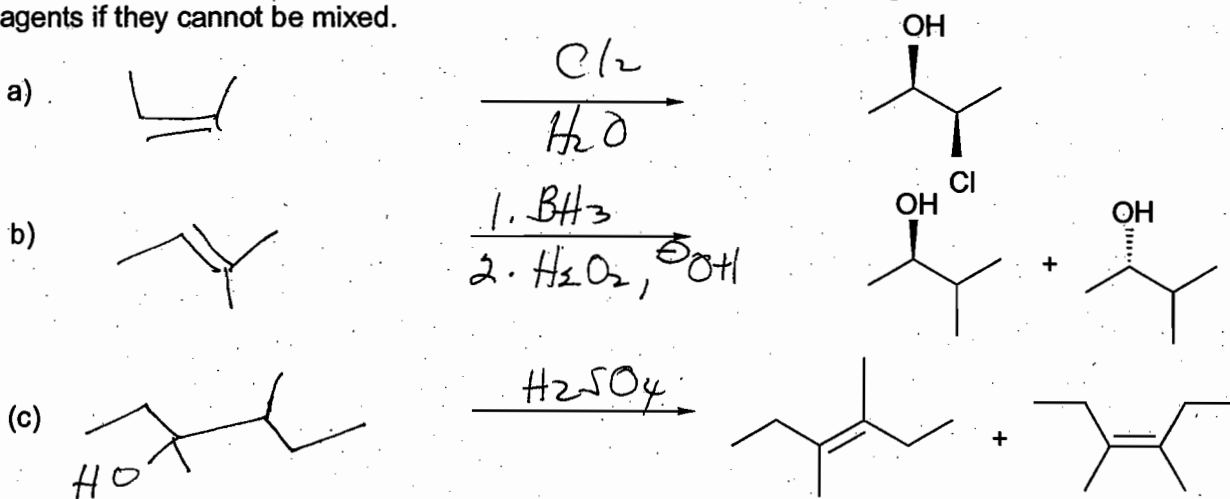
- 1.5 2. Draw the other resonance structures that show stabilization of the negative charge.



- 2 3. Draw an intermediate and products for the following reactions.



- 3 4. Show starting materials and reagents (over the arrow) for the following reactions. Number the reagents if they cannot be mixed.



- 2.5 5. Give all the products of the following reactions.

