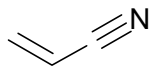
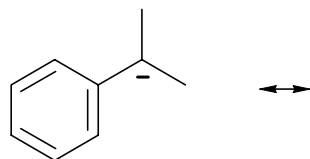


Name

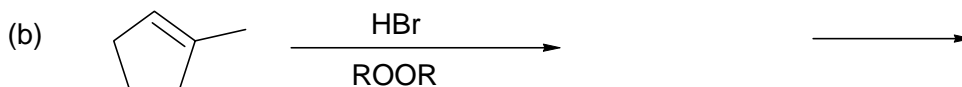
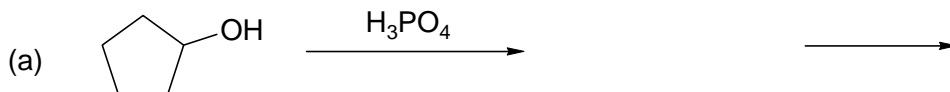
- 1** 1. Draw the stabilized radical (2 resonance structures) that is the chain carrier in the radical polymerization of acrylonitrile.



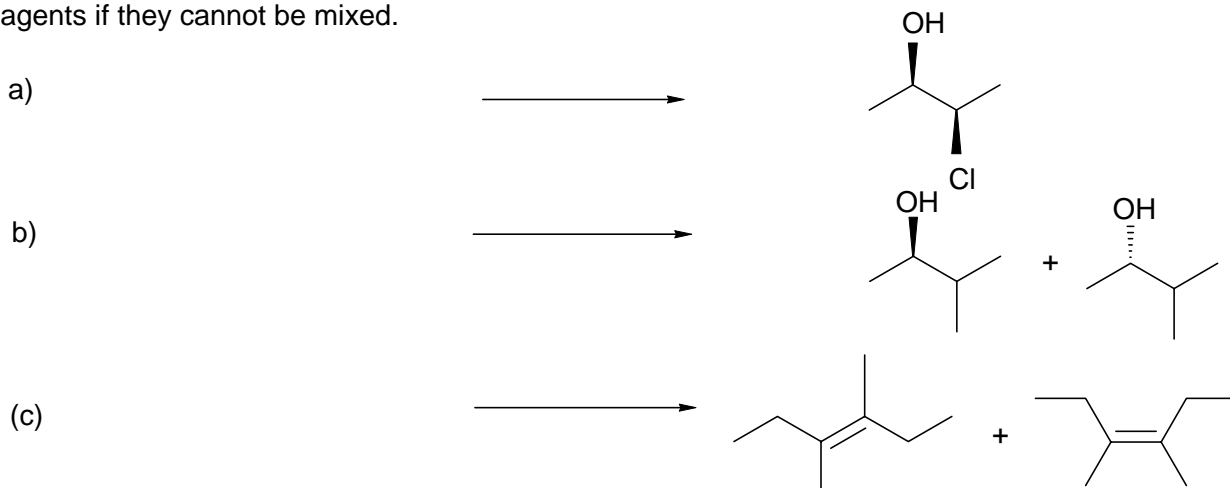
- 1.5** 2. Draw the other resonance structures that show stabilization of the negative charge.



- 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.

