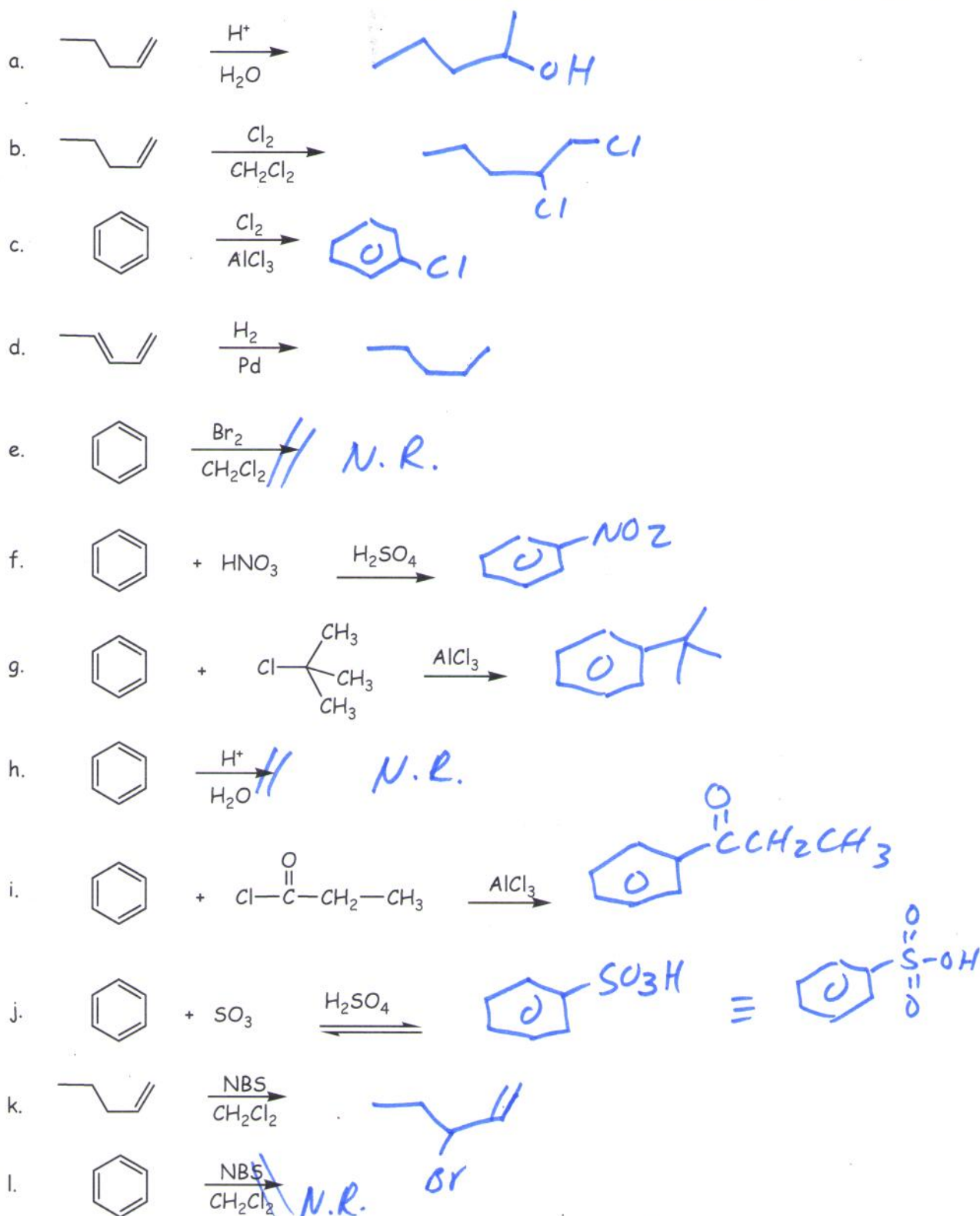
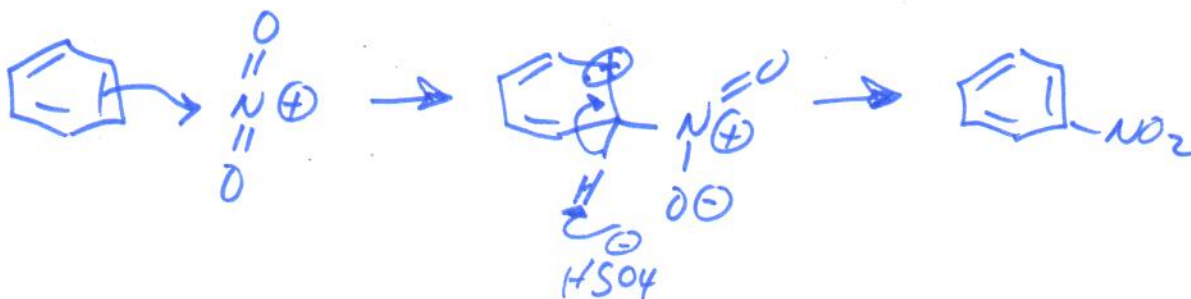
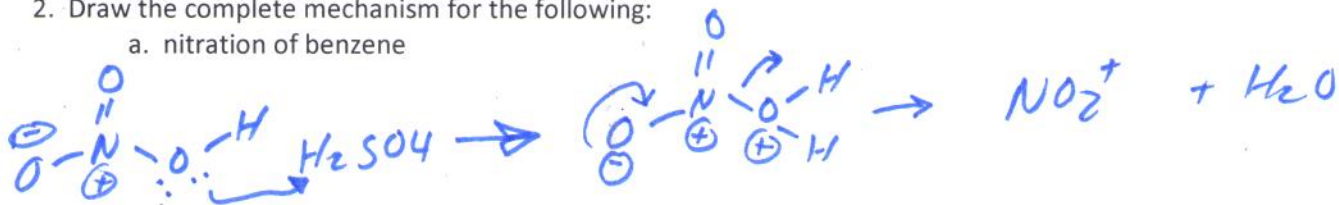


1. Draw the major product formed from each reaction; if no reaction is expected, write NR. Some of these are review questions designed to help you differentiate between alkenes, conjugate dienes and aromatic systems.

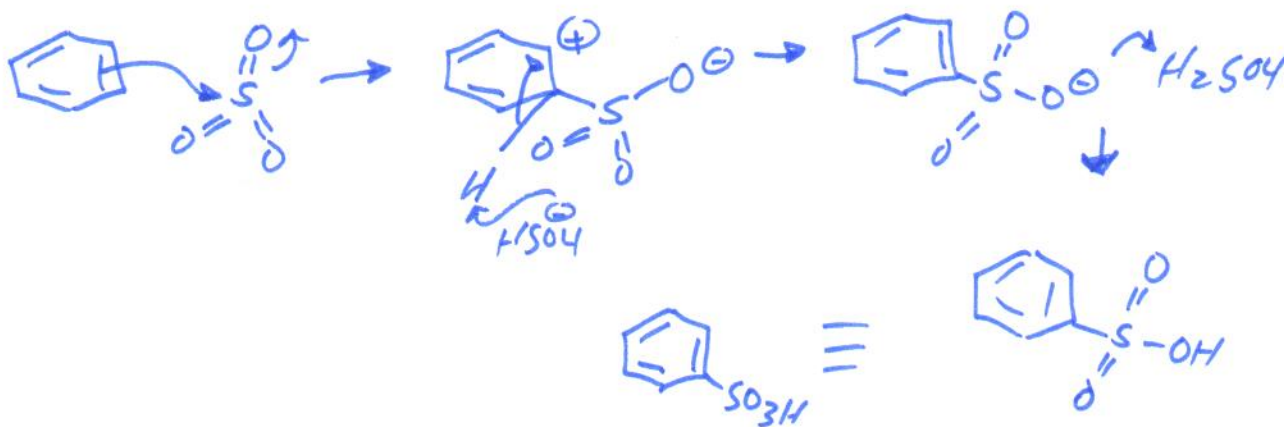


2. Draw the complete mechanism for the following:

a. nitration of benzene



b. sulfonation of benzene



c. Friedel-Crafts acylation of benzene with acetyl chloride

