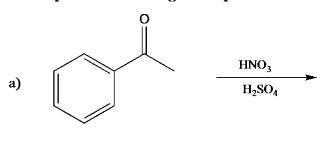
CEM143, Worksheet 3

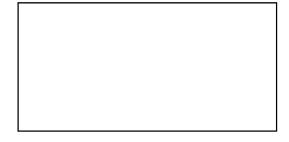
1. Complete the following electrophilic aromatic substitution reactions.



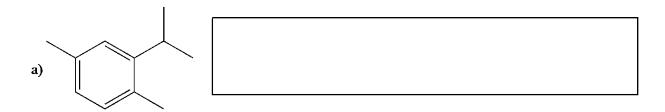








2. Provide the correct name for the following.



3. Complete the following synthesis starting with benzene and any other necessary reagents.