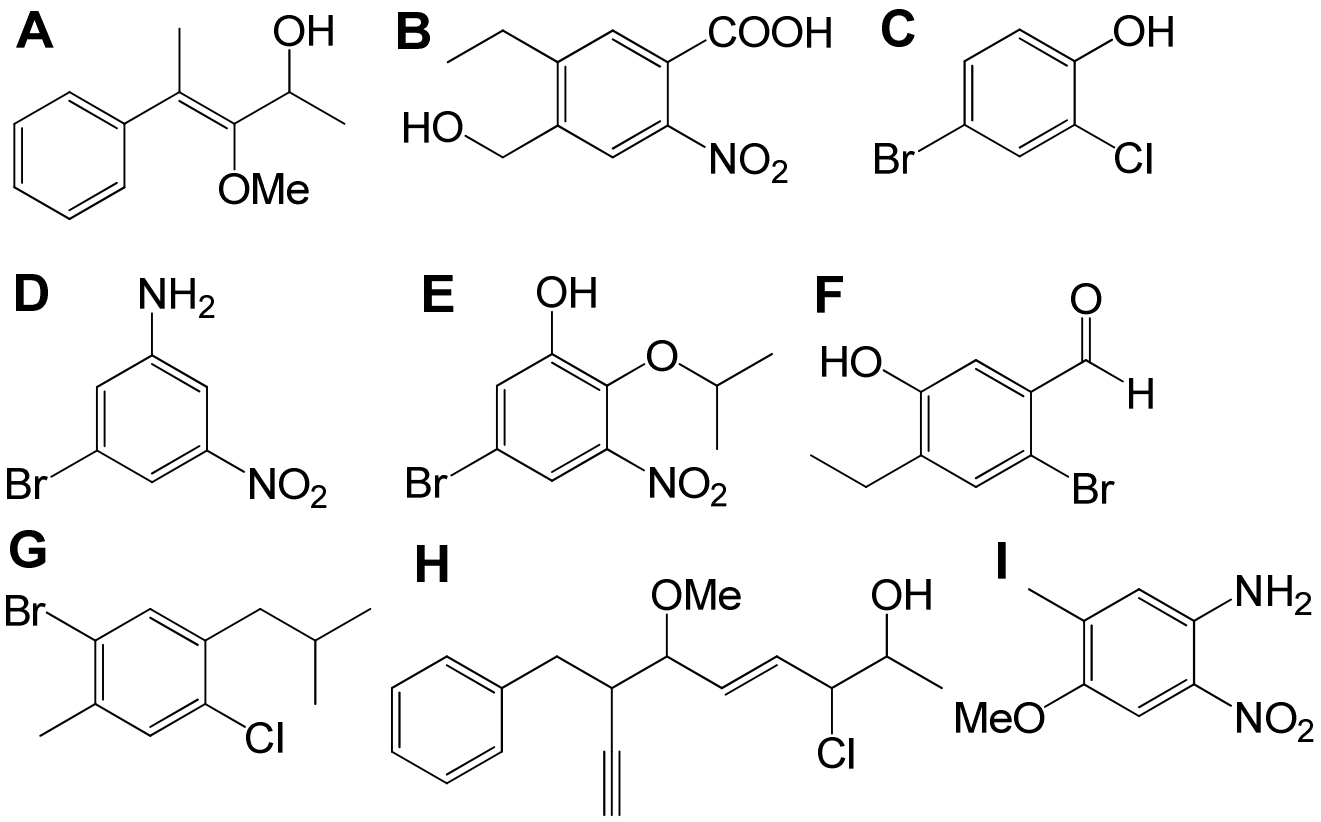
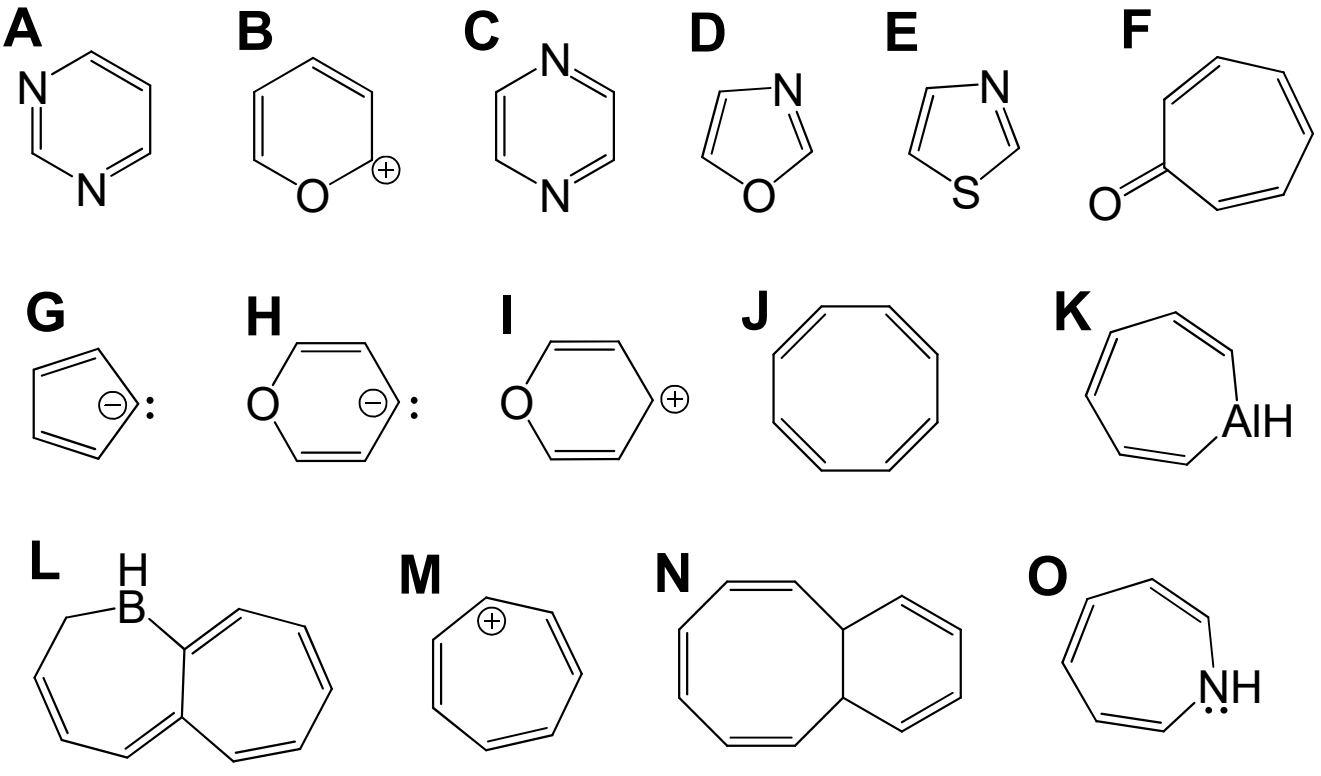
WORKSHEET V

1. Name the following compounds

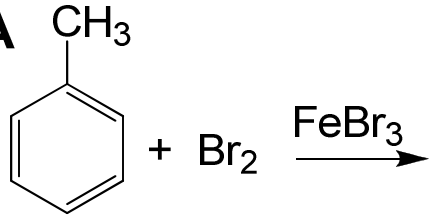


2. Classify the following compounds as aromatic, antiaromatic or nonaromatic

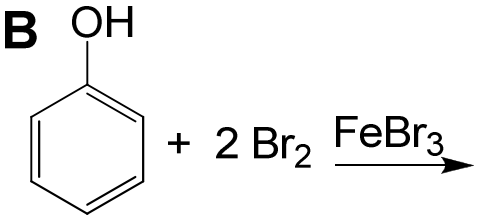


3. Give the major product(s) of each of the following reaction

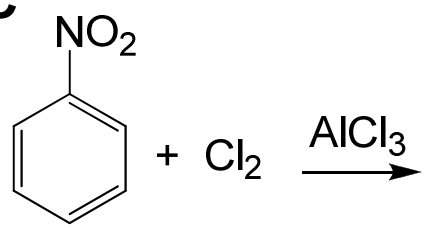
A



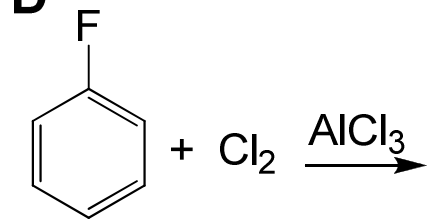
B



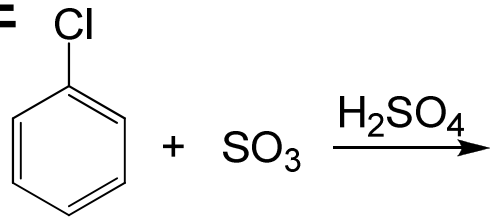
C



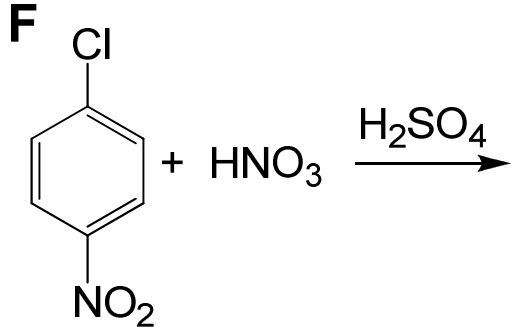
D



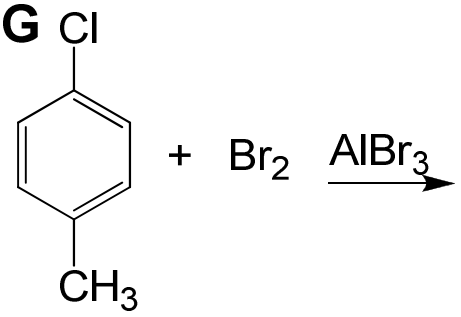
E



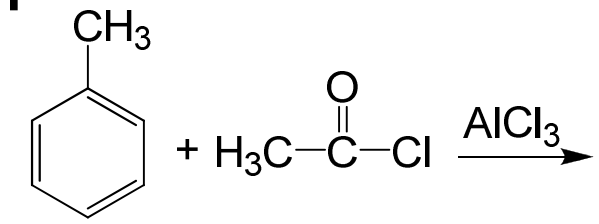
F



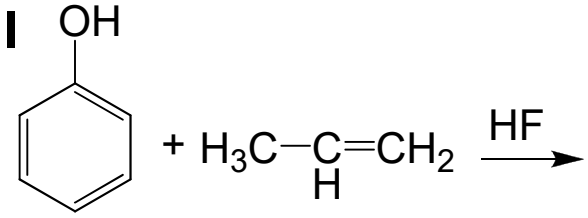
G



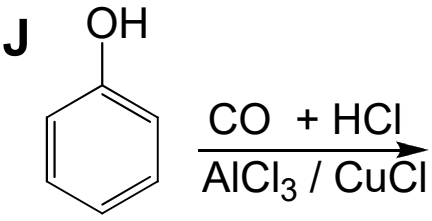
H



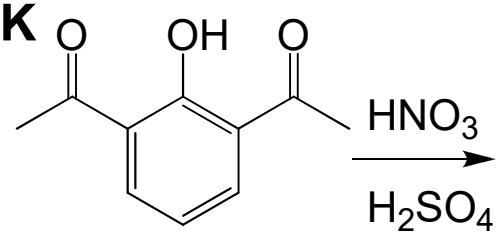
I



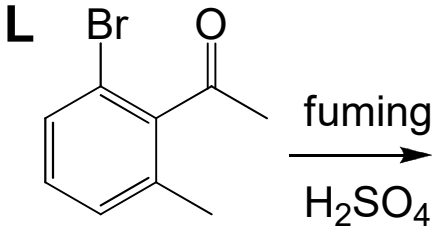
J



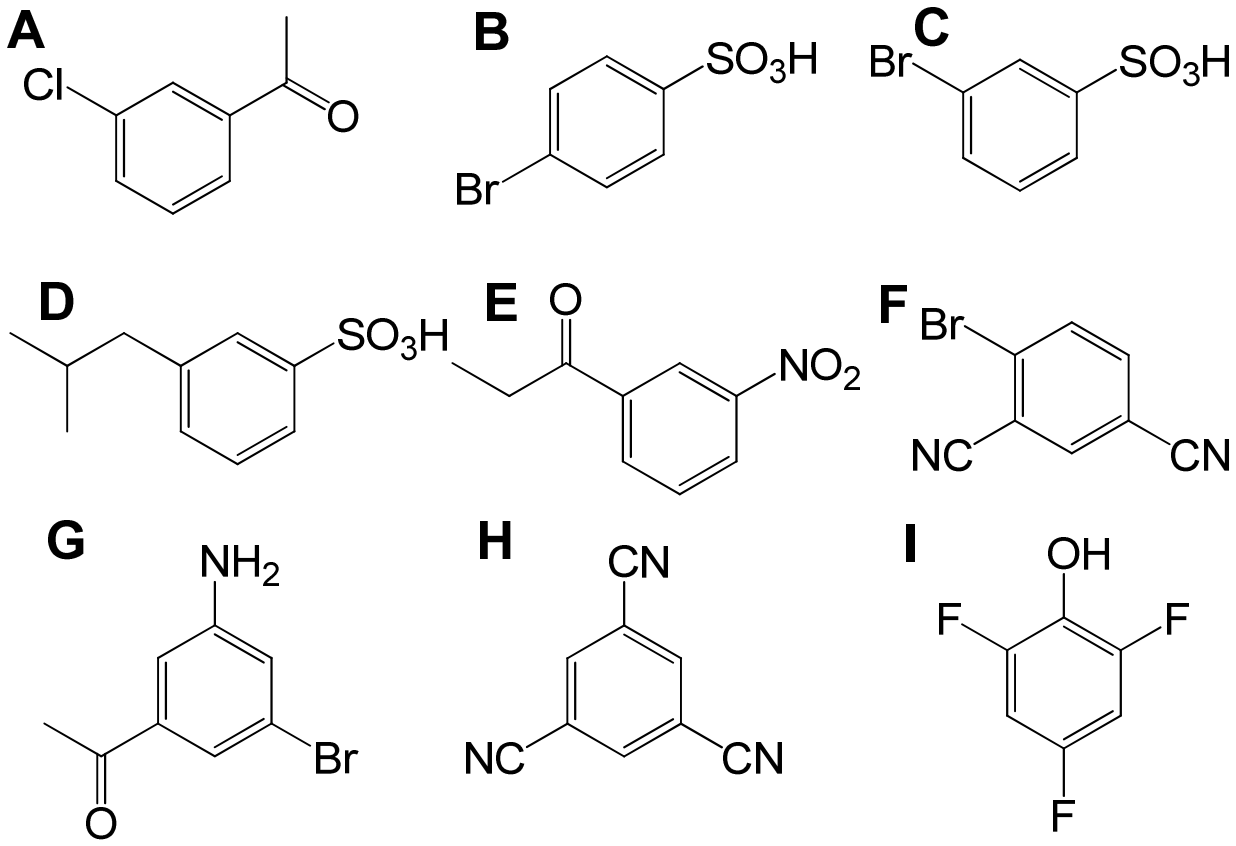
K



L



4. Show how you would synthesize these compounds from benzene (you should list all the reactants and the proper reaction conditions)



5. Suggest a good synthetic method for preparing each of the following compounds from the given starting material (s)