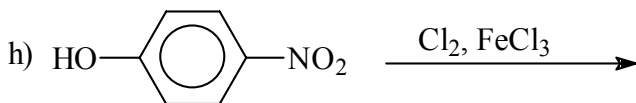
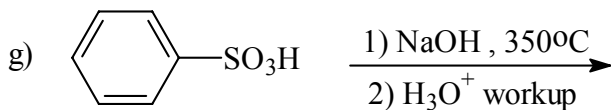
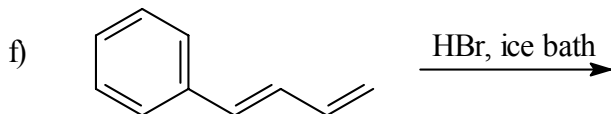
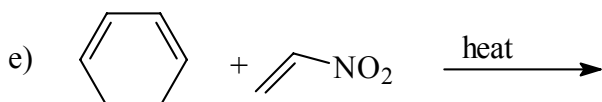
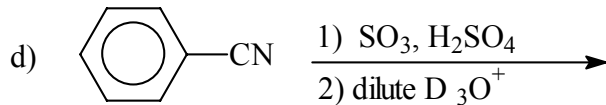
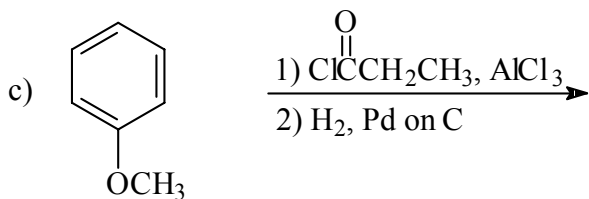
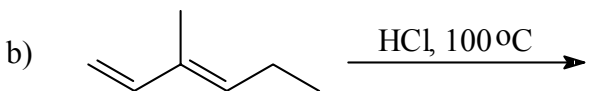
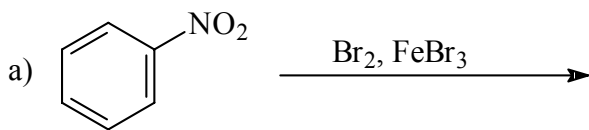


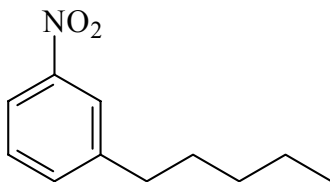
### Chapter 14 & 16 reactions:

Give the major product(s) for the following reactions.



### SYNTHESIS:

Starting from **benzene**, propose a sequence of reagents that would allow for the preparation of the following compound.



**MECHANISM:**

Propose a mechanism for the following reaction. Use arrows to indicate electron flow, show all intermediates and use only the reagents provided.

