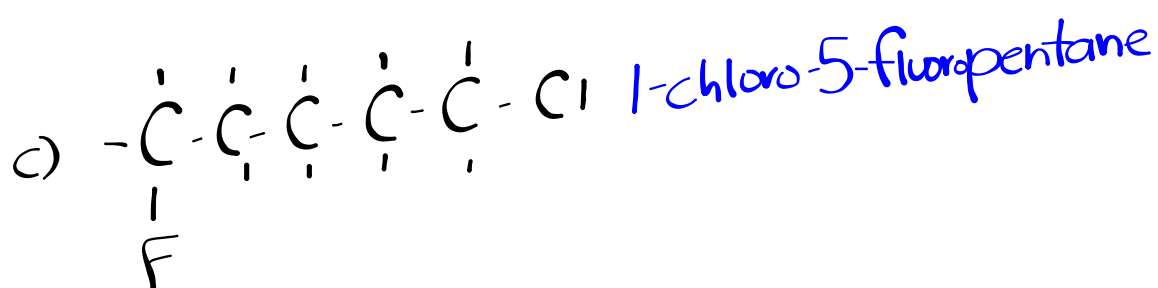
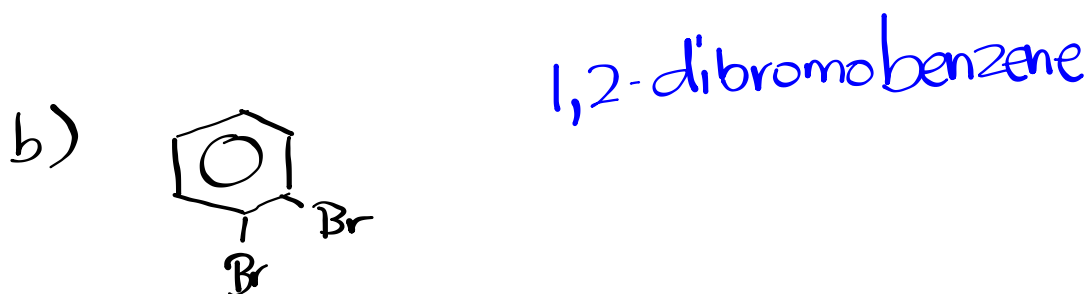
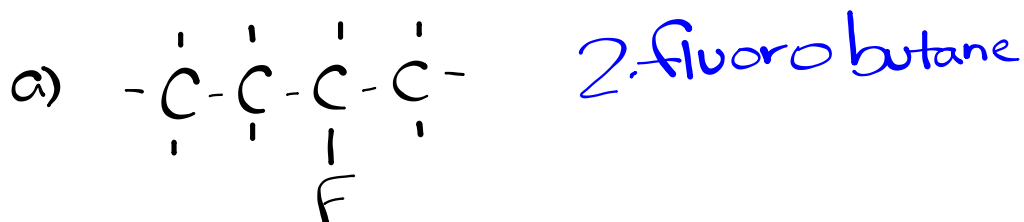


Warm Up

Name the following compounds:

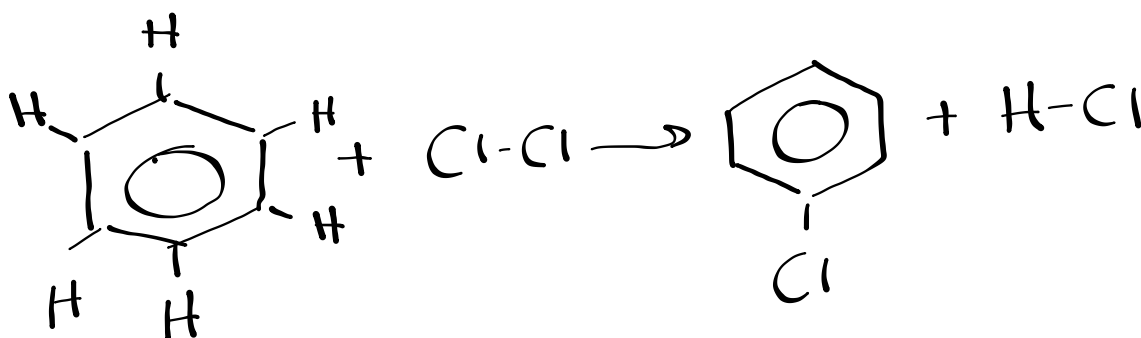


SUBSTITUTION REACTIONS - carbon-hydrogen (sigma bonds) are broken and the hydrogen is replaced with another functional group.

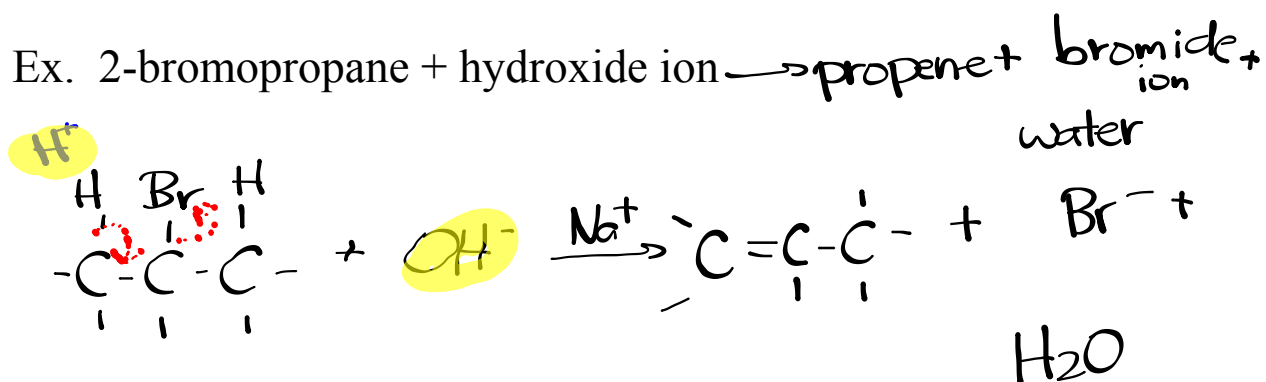
- very difficult reaction; usually occurs in the presence of light

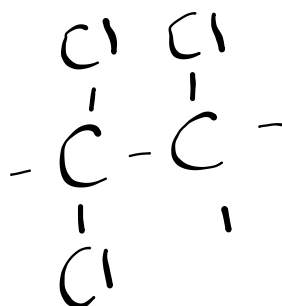
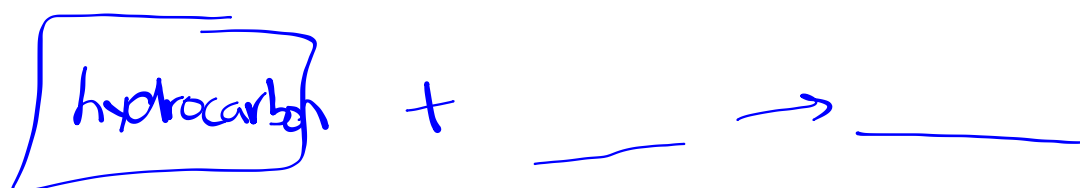
Ex. propane + bromine

benzene + chlorine \longrightarrow chlorobenzene + hydrogen chloride



ELIMINATION REACTIONS - carbon-hydrogen and carbon-halide sigma bonds are broken and a multiple bond (pi bond) forms
- common method of preparing alkenes





Homework

Worksheet