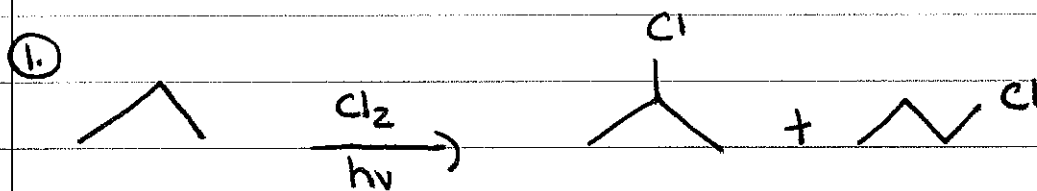
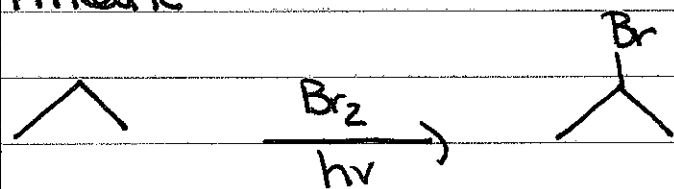


* Rxns of Alkyl Halides



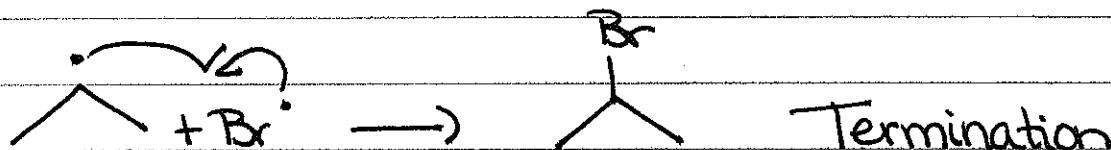
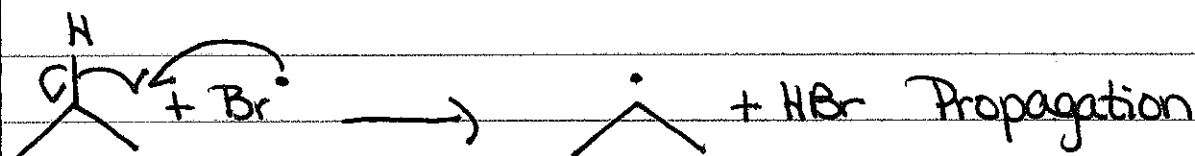
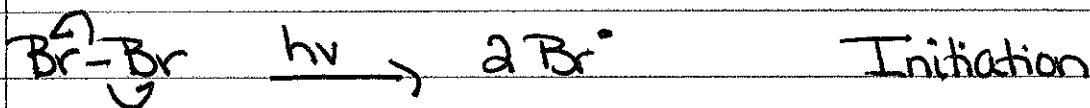
Alkane

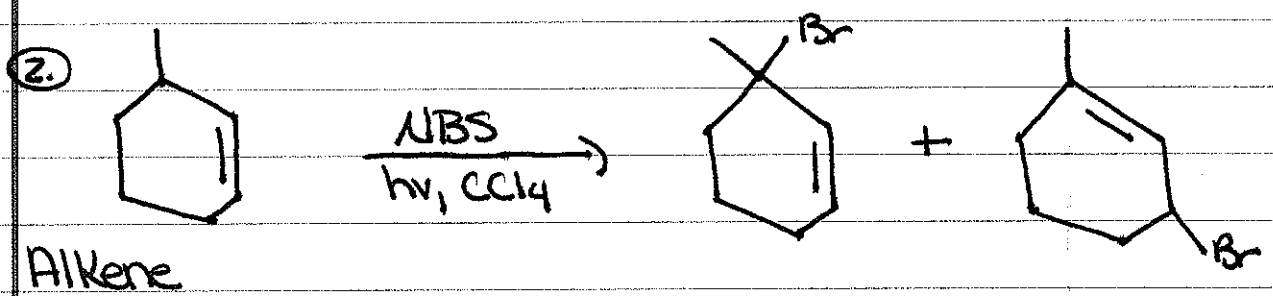
Alkyl Halide



Free-Radical Halogenation: Radical int.:

Bromination more selective than chlorination due to high activation energy & endothermic rxn



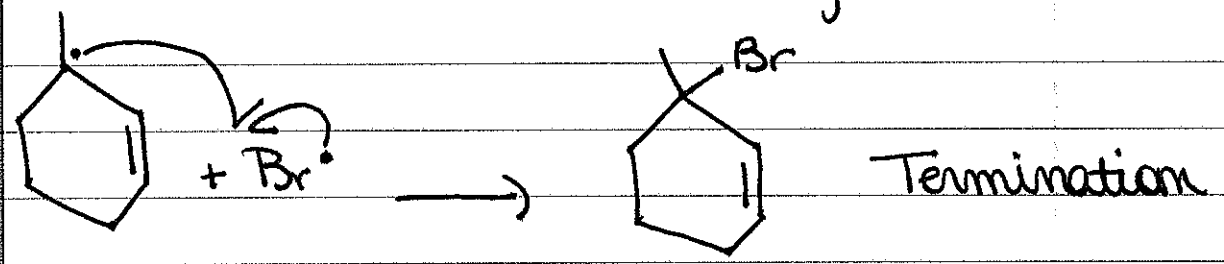
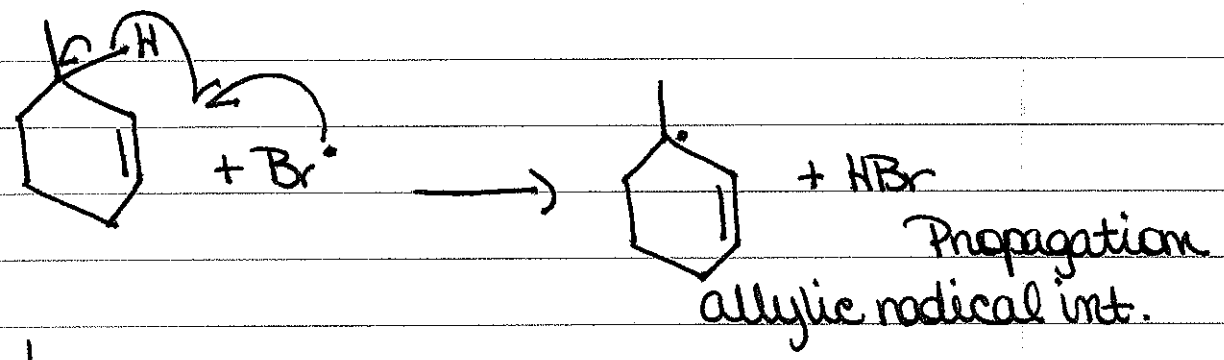
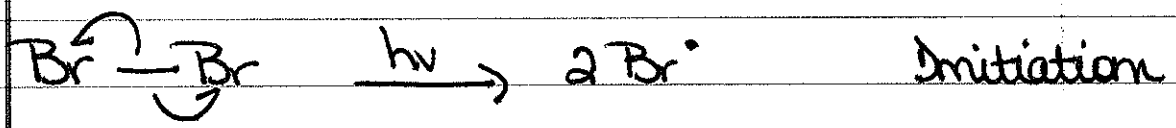


Alkene

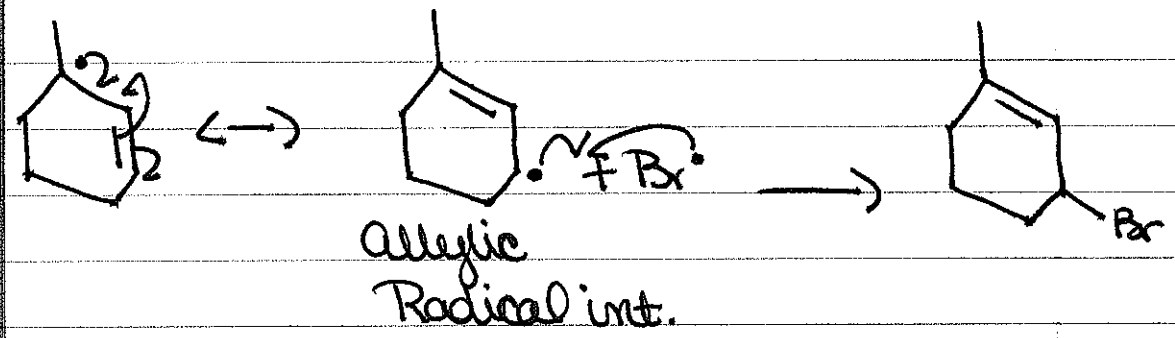
Allylic Halide

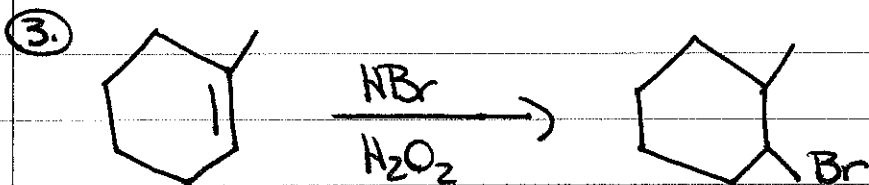
Allylic Bromination :
Radical int.

allylic



Or





Alkene

Alkyl Halide

Anti-Markovnikov Addition of Bromine:
Radical int.

