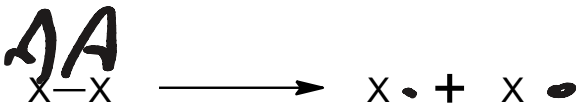
Bromination of Arenes

128K/120K

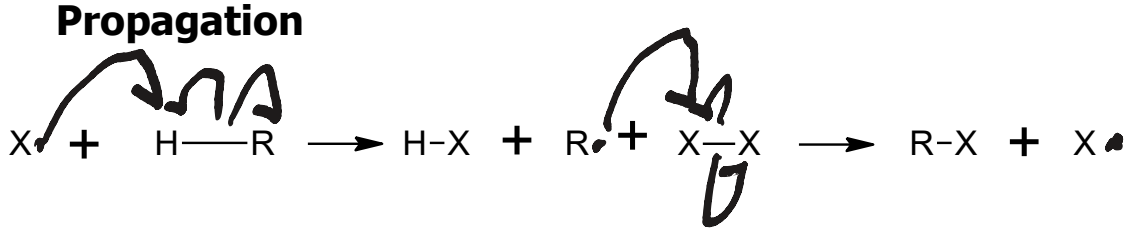
10/19/26



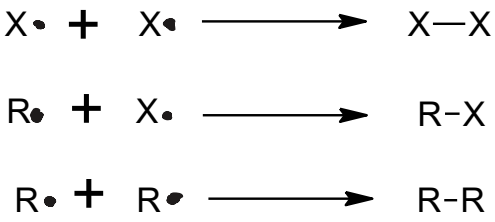
Initiation

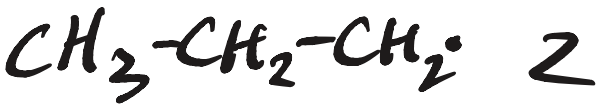


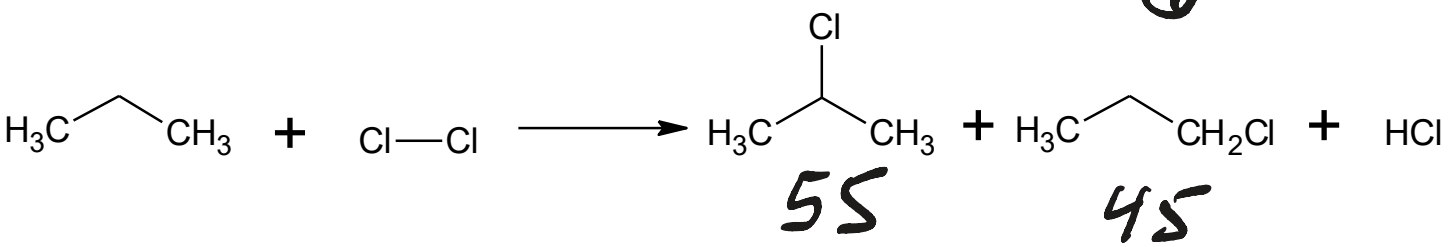
Propagation

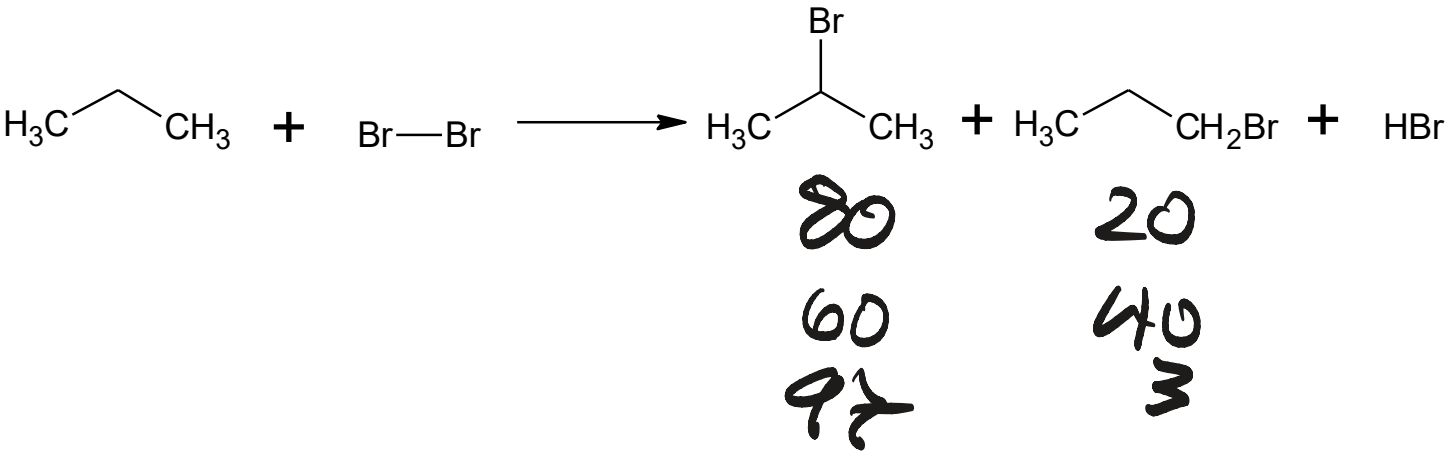


Termination

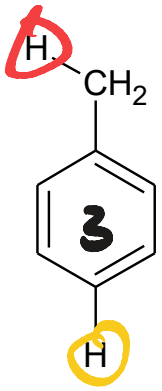




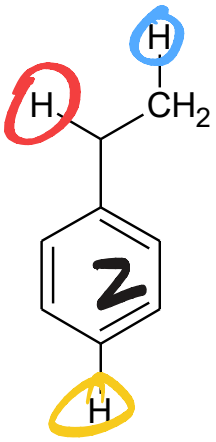




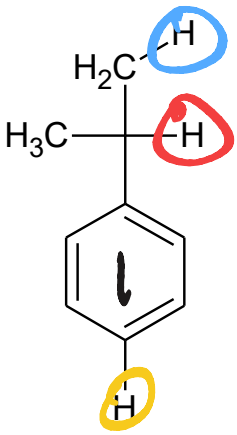
Toluene



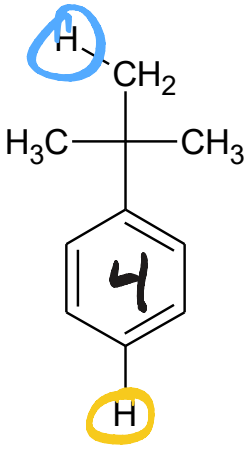
Ethylbenzene



i-Propylbenzene



t-Butylbenzene



$R\text{-}H + Br_2 \rightarrow R\text{-}Br + HBr$

aromatic ≤ aliphatic < Benzylic

$1^0 < 2^0 < 3^0$