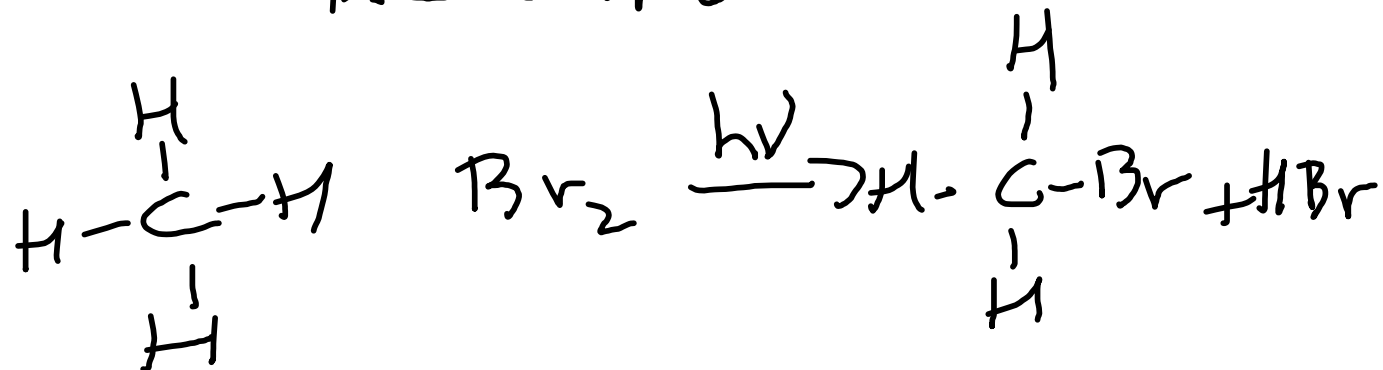
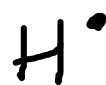


CHAPTER 4
FREE RADICAL CHAIN REACTION
HALOGENATION OF
ALKANES

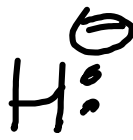


BOND DISSOCIATION ENERGY :

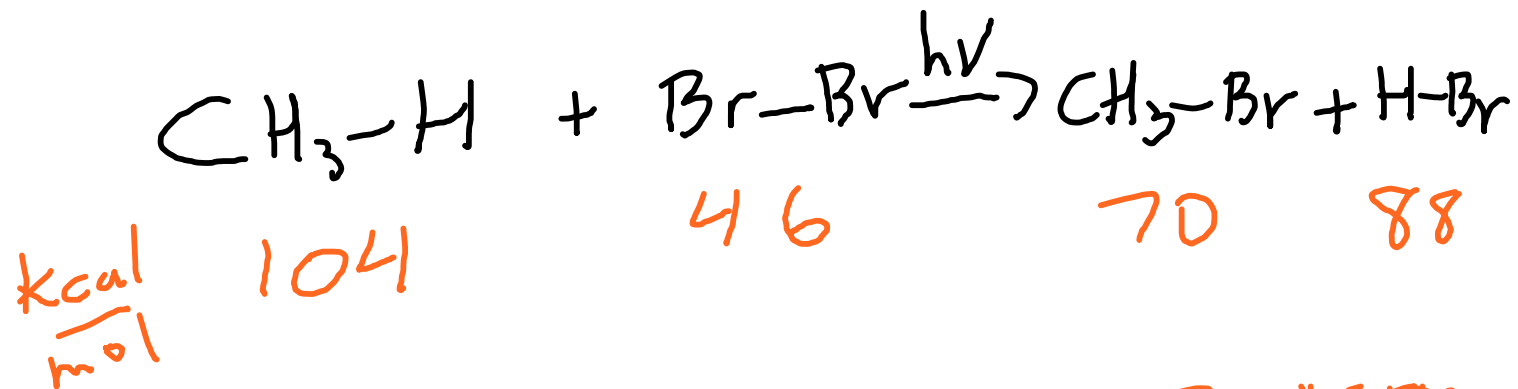


homolytic

→ P 134

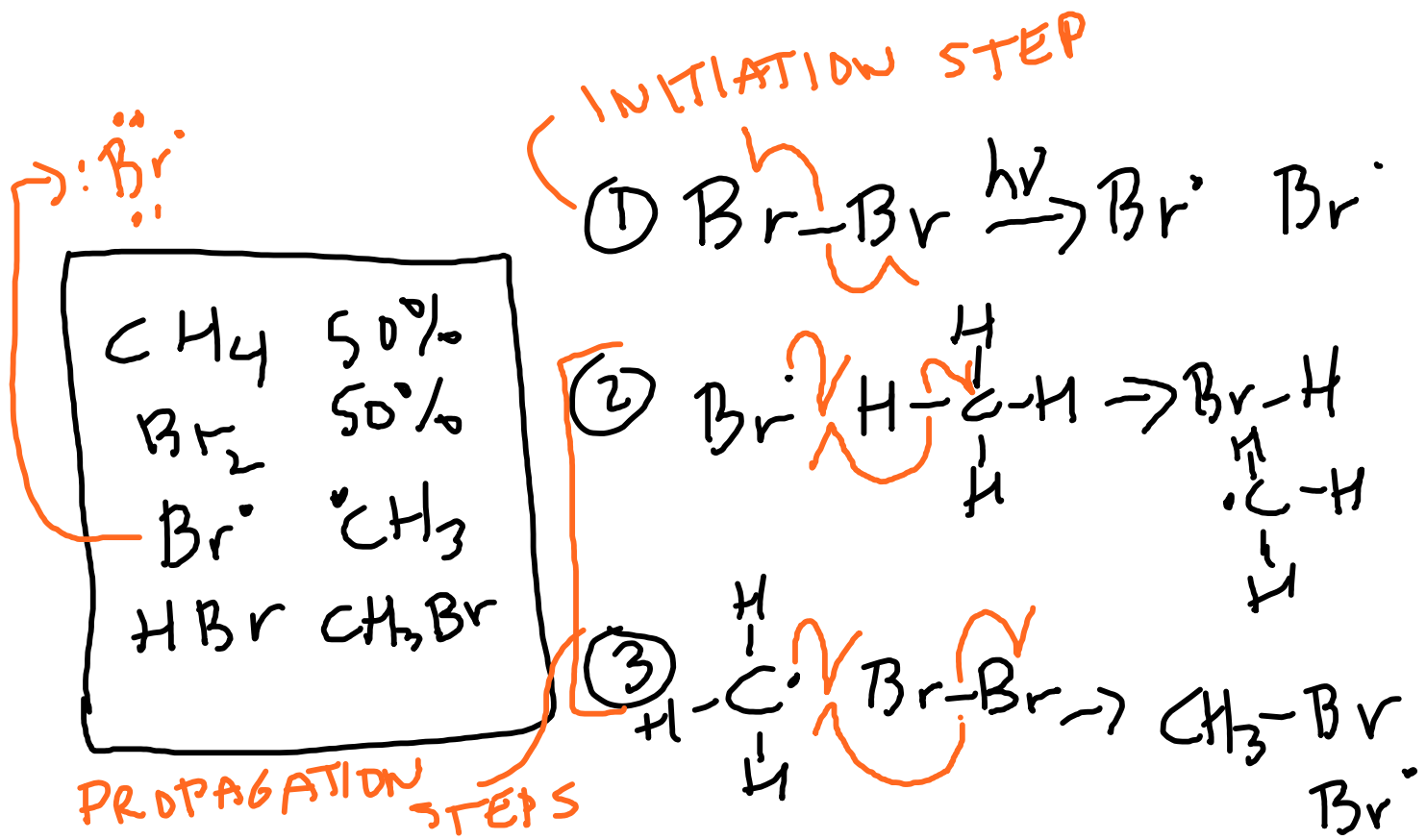


heterolytic



$$\begin{aligned}
 \Delta H_{\text{RX}} &= \text{BONDS BROKEN} - \text{BONDS FORMED} \\
 &= (104 + 46) - (70 + 88) \text{ kcal/mol} \\
 &= -8 \text{ kcal/mol}
 \end{aligned}$$





TERMINATION
STEPS

