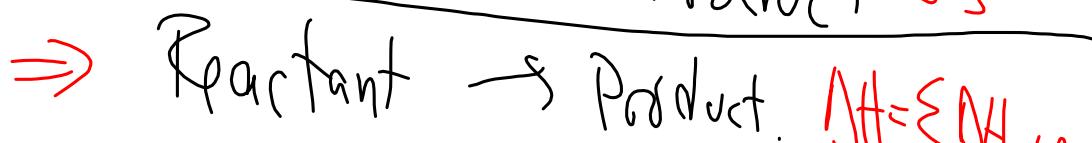
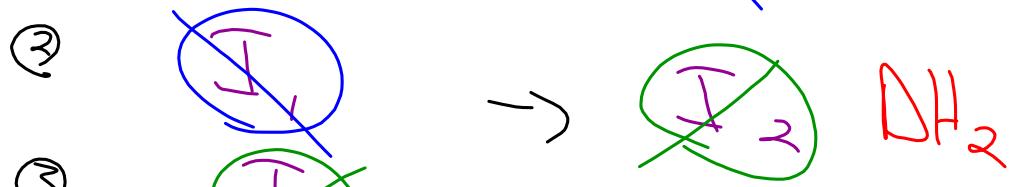


S.72 D ΔH_{rxn} 

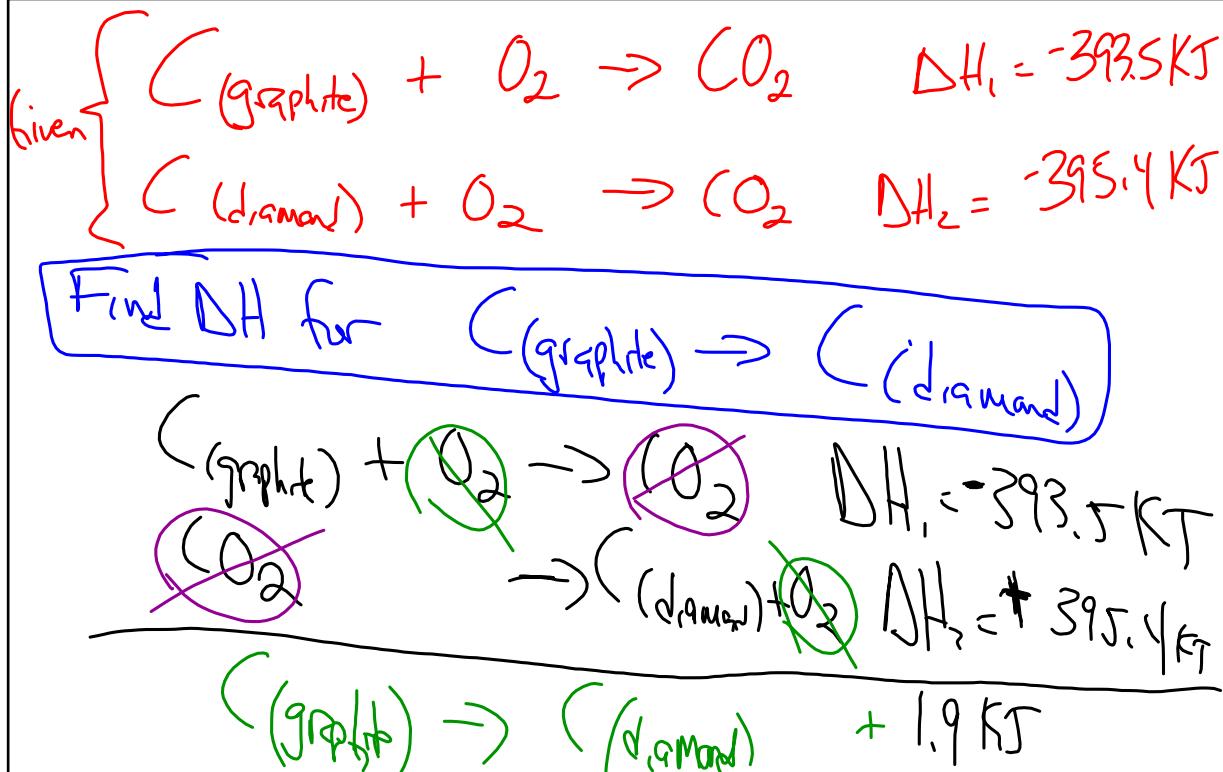
$$\begin{aligned}\Delta H_{rxn} &= [2(\Delta H_{\text{FeCl}_3(l)}) + 3(\Delta H_{\text{H}_2\text{O}(g)})] - [\Delta H(\text{Fe}_2\text{O}_3) + 6(\Delta H_{\text{HCl}})] \\ &= [2(-400) + 3(241.82)] - [-822.16 + 6(-92.3)] \\ &\quad - 149.5 \text{ kJ}\end{aligned}$$

Oct 20-7:39 AM

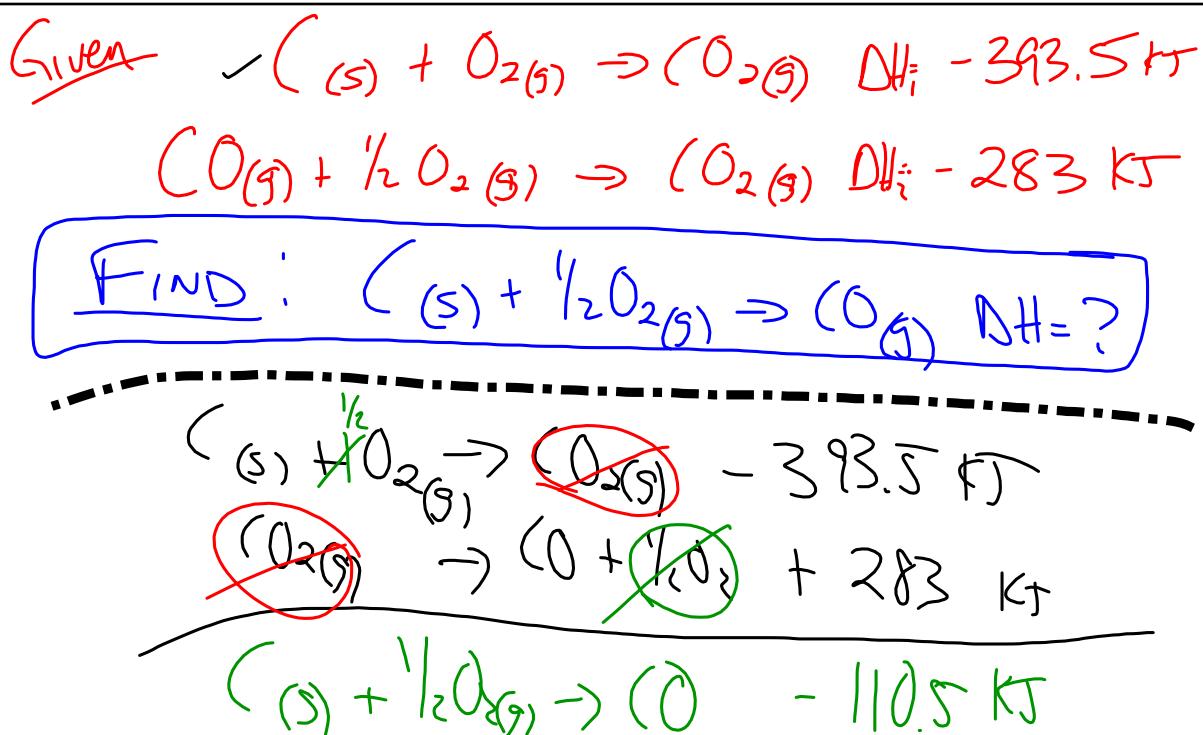
Hess's Law

$$\Delta H = \sum \Delta H_i$$

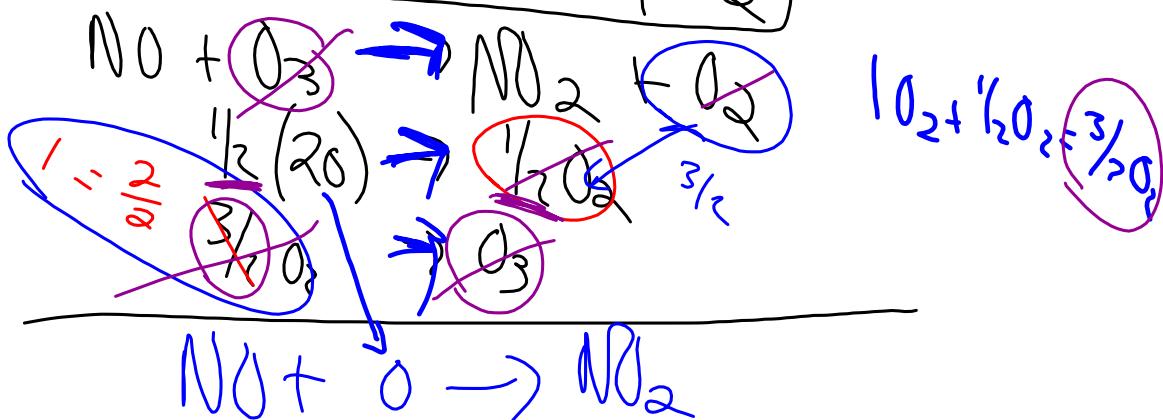
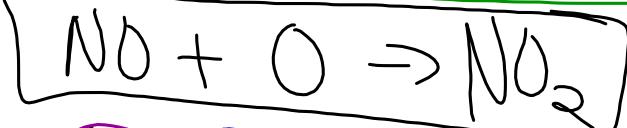
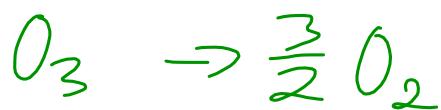
Oct 20-8:00 AM



Oct 20-8:04 AM



Oct 20-8:14 AM



Oct 20-8:22 AM

$$5/62 + 64$$

Oct 20-8:27 AM