

We may need to calculate a new thesmochemical ea from 1 cnown rens! 3 tricks: 1) If we multiply a theomochem ea. by n, then we multiply ΔH by n. $A + 2B \rightarrow C$; $\Delta H = +20KJ$ +3 $3A + 6B \rightarrow 3C$; $\Delta H = +60KJ$ 2) If we reverse ea, reverse sign (x-1) of DH. 3C → 3A + 6B; △H = -60kJ 3) Can add up ea's, add up AH's (Hess's law) A + 2B -> C; AH=+20KJ € C → B +3D ; AH = - 80KJ A+ 2B+ 2 -> + B+3D ; AH=-60KJ A+B -> 3D ; AH =-60KJ