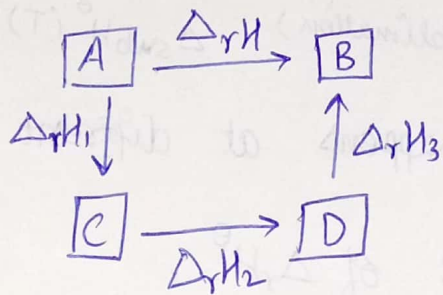


\* If enthalpy of an overall reaction  $A \rightarrow B$  along one route is  $\Delta_r H$  and  $\Delta_r H_1, \Delta_r H_2, \Delta_r H_3, \dots$  representing enthalpies of reactions leading to same product, B along another route,

$$\Delta_r H = \Delta_r H_1 + \Delta_r H_2 + \Delta_r H_3 \dots$$

can be represented as



\* When a chemical equation is reversed, the value of  $\Delta_r H^\ominus$  is reversed in sign

