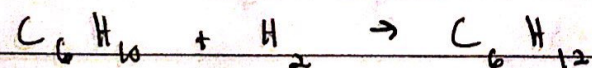


k) Enthalpy of hydrogenation of cyclohexene;



$$\begin{aligned} \Delta H &= (614) + 5(346) + 10(414) + 6(-346) + 12(-414) \\ &= 6484 - 7044 = -560 \text{ kJ} \end{aligned}$$