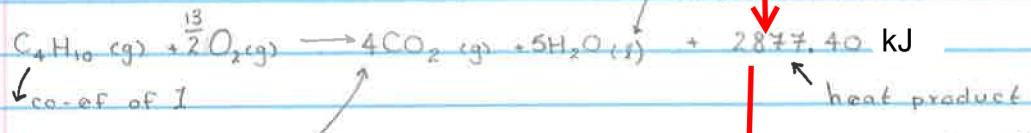
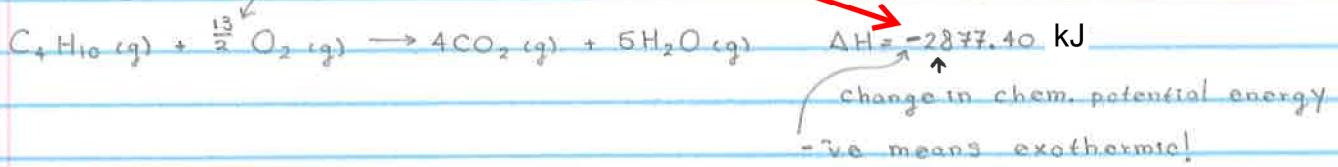
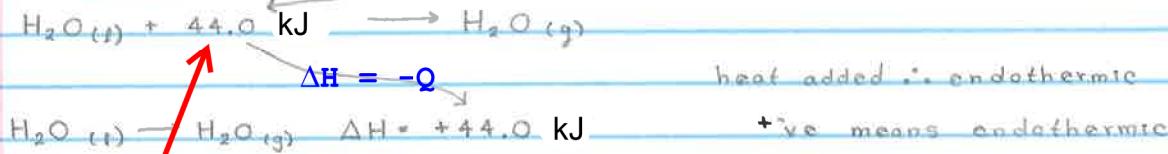


Exothermic: heat is produced

value of Q = + because it is released (product)

 $\therefore \text{exothermic, } Q = 2877.40 \text{ kJ}$

$$\Delta H = -Q$$

**Endothermic:** Heat is a "reactant", is absorbed. \rightarrow required for reaction

value of Q = - because it is absorbed (reactant)