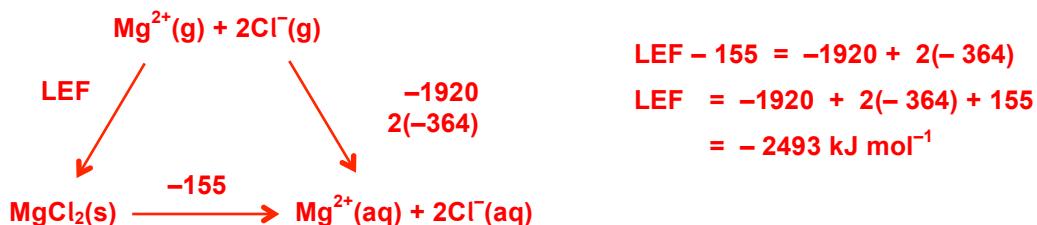




QUICK CHECK

THERMODYNAMICS (B)

- 1 The enthalpy of solution of magnesium chloride is -155 kJ mol^{-1} . The hydration enthalpies of magnesium and chloride ions are -1920 and -364 kJ mol^{-1} respectively. Calculate the lattice enthalpy of formation of magnesium chloride.



- 2 Write a chemical equation that represents each of the following enthalpy changes.

