

BORN-HABER CYCLE

Please drag the correct equation for each enthalpy:

Enthalpy of atomization of sodium, $\Delta H_a \text{ Na}$

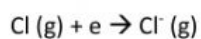
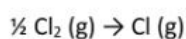
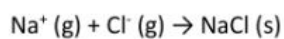
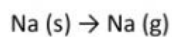
Enthalpy of atomization of chlorine, $\Delta H_a \text{ Cl}$

First ionization energy of sodium, $IE_1 \text{ Na}$

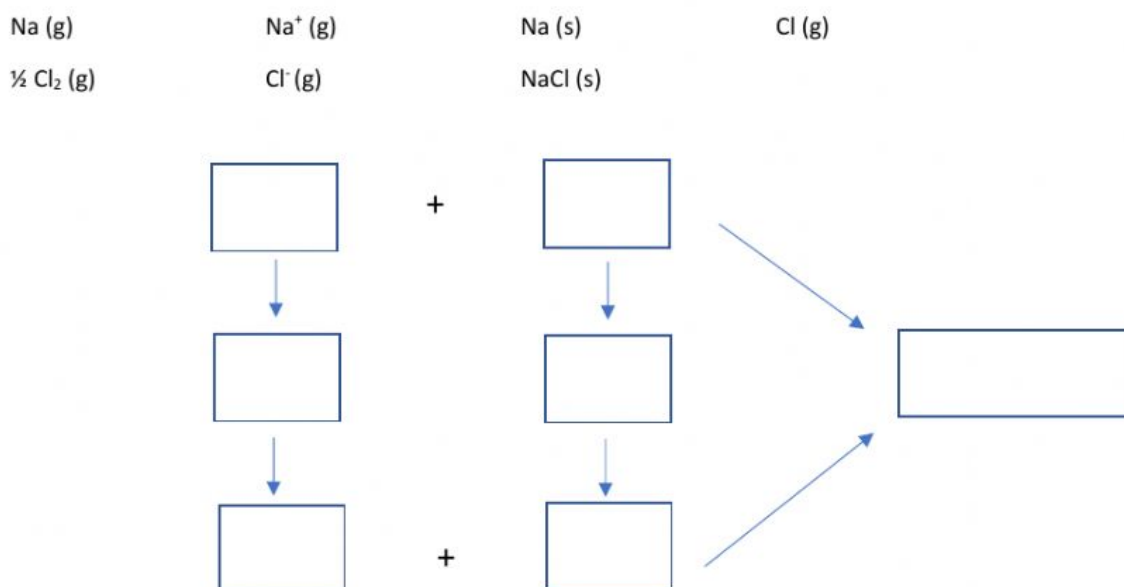
Electron affinity of chlorine, $EA_1 \text{ Cl}$

Enthalpy of formation of sodium chloride, $\Delta H_f \text{ NaCl}$

Lattice energy of sodium chloride, $\Delta H_{LE} \text{ NaCl}$



First, let's fill in the blank with the correct answers



Construct energy level diagram of sodium chloride, NaCl