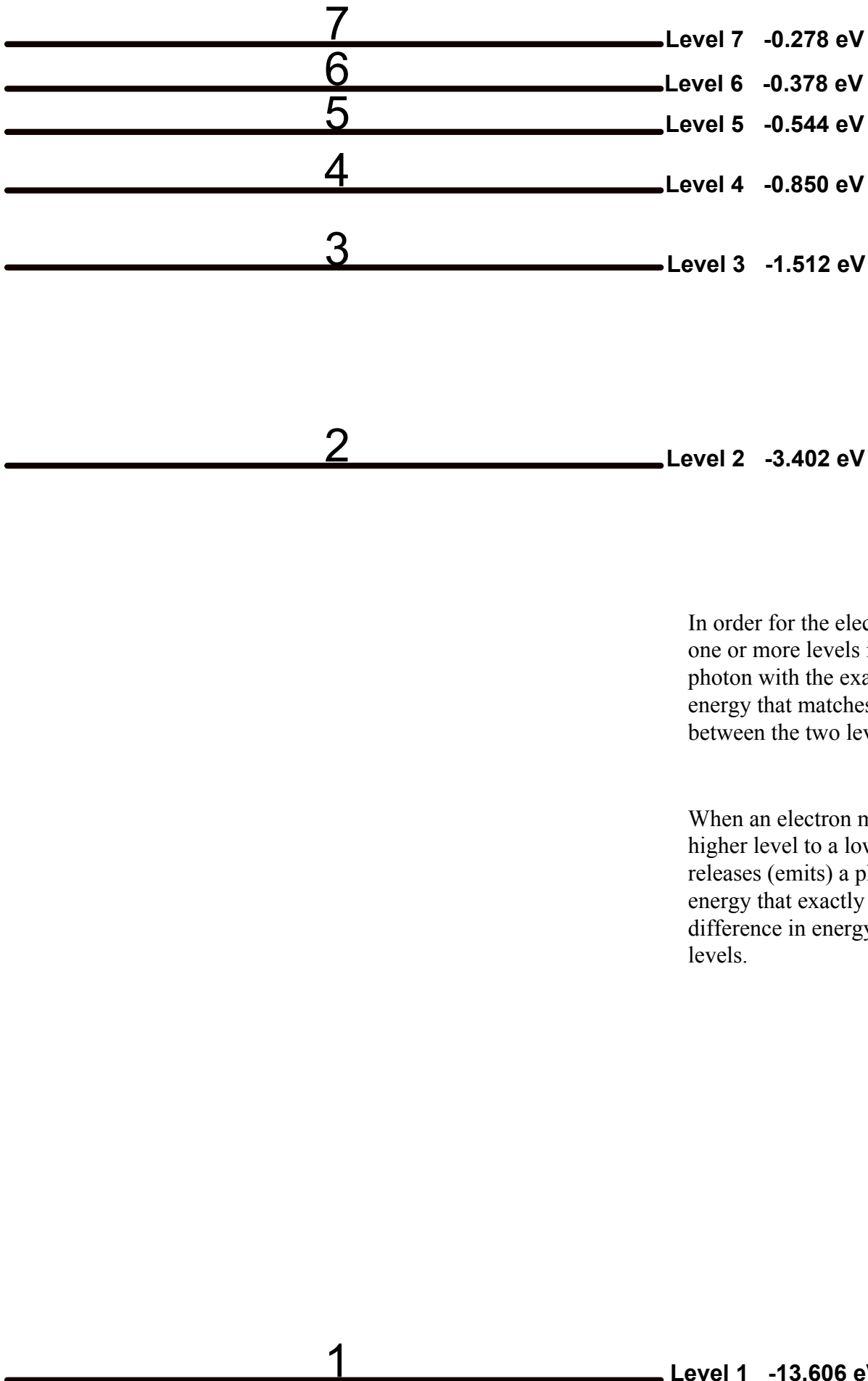


Hydrogen Atom Energy Levels



In order for the electron to move up one or more levels it must absorb a photon with the exact amount of energy that matches the difference between the two levels.

When an electron moves from a higher level to a lower level it always releases (emits) a photon with an energy that exactly matches the difference in energy between the two levels.