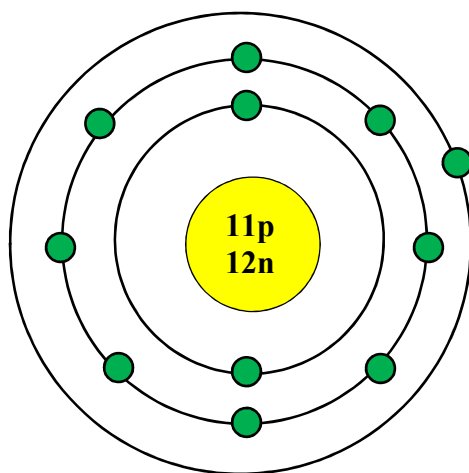


The Sodium Atom

Atomic Number = 11 —————→ **11 Protons & 11 Electrons**

Mass Number = 23 —————→ **11 Protons & 12 Neutrons**

Bohr Diagram –



Nucleus = Centre of Atom (coloured yellow). It contains:

11 protons (p)

12 neutrons (n)

Shells = Outer Layers of Atom. They contain:

11 electrons (e⁻)

(Here each electron is represented by a green dot.)

Number of Electrons in the innermost shell -	2
Number of Electrons in the second shell -	8
Number of Electrons in the outermost shell -	1
Total Number of Electrons -	11