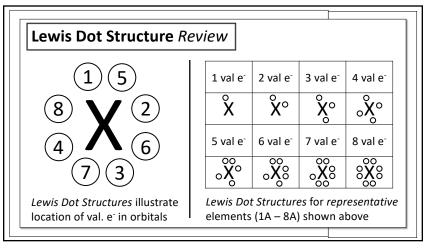


Parts of the Periodic Table Review The periodic table contains groups & **Periodic Table Groups and Periods** periods. The val e A group is a column on the periodic table. Elements have the same number of valence electrons.

A period is a row on the periodic table. Elements have the same number of electron shells. are based on the group on the table Group 1A / 1 5A / 15 2A / 2 2 6A / 16 3A / 13 7A / 17 4A / 14 4 8A / 18



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## The Atomic Structure Key Terms

## Nucleus

Inner structure of atom containing the protons  $(p^+)$  and neutrons  $(n^0)$ 

Atomic Orbit and Orbitals
Path (orbit) and area (orbital) that
electrons travel around the nucleus

Groups and Periods
Groups are up and down rows
Periods are left to right columns on
the Periodic Table

## Periodic Table

Table of elements based on the similar properties of elements.

Bohr's Model
Atomic Model where electrons
travel around the nucleus in orbits
within orbitals

Lewis Dot Structure
Visualization of valence electrons
used to illustrate atomic bonding

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