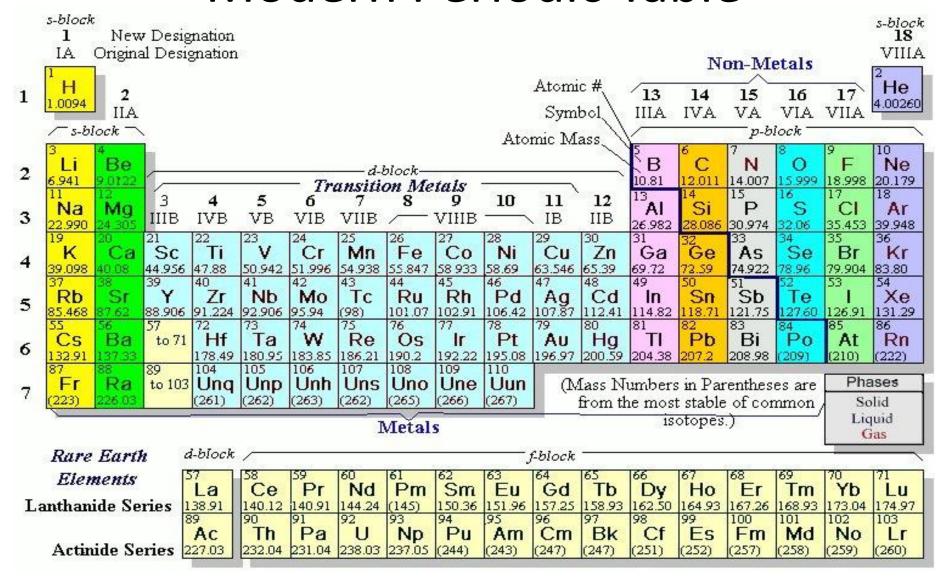


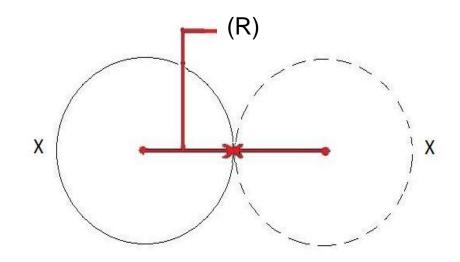
Modern Periodic Table



The arrangement of the elements in order of increasing atomic number in which elements with similar properties are grouped in columns.

Periodic table trends: Atomic radius

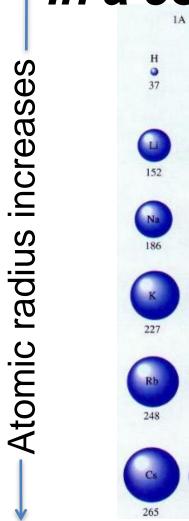
- <u>Atomic radius</u>: Half the distance between the nuclei of two atoms.
- R is the radius of the atom.



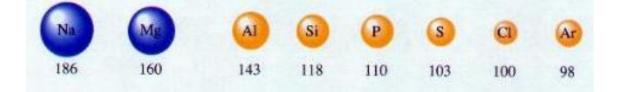
Variation of atomic radii (pm)

In a column

Across a row



Atomic radius decreases



Sample questions

- Q. Which atom has greater atomic radius
- 1. C or N?
- 2. O or S?