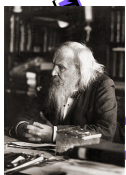



A. Dmitri Mendeleev
(1834-1907)





- 1) Arranged elements by atomic mass.
- 2) Looked for patterns among properties of the different elements.
Li Be B C N O F Ne Na Mg Al
- 3) Left gaps in the table where there were elements yet to be discovered. (Ga, Sc)



B. Henry Moseley (1887-1915)

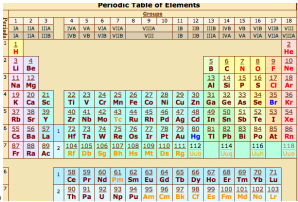


* Continued Mendeleev's work, but arranged elements by atomic number, instead of atomic mass.

II. Parts of the Periodic Table

A. Groups

- Vertical columns on the periodic table.
- There are 18 groups called families because they share similar properties (Number them on your PT)

II. Parts of the Periodic Table

B. Periods

- Horizontal rows on the periodic table
- There are 7 periods (number them on your PT)

