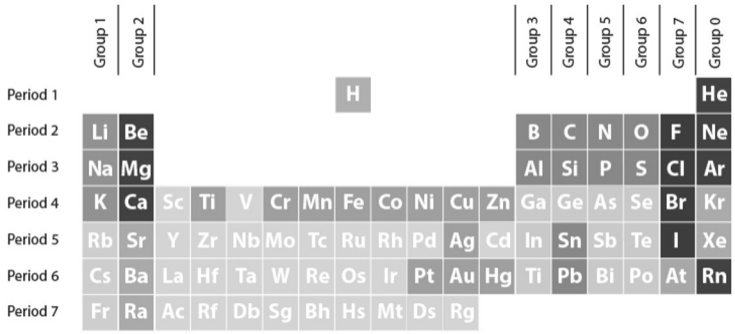
Modern Periodic Table

Groups and Periods

Elements are arranged into groups (*up and down*), and periods (*left to right*) based on atomic number.



The periodic table is arranged into 8 groups and 7 periods.

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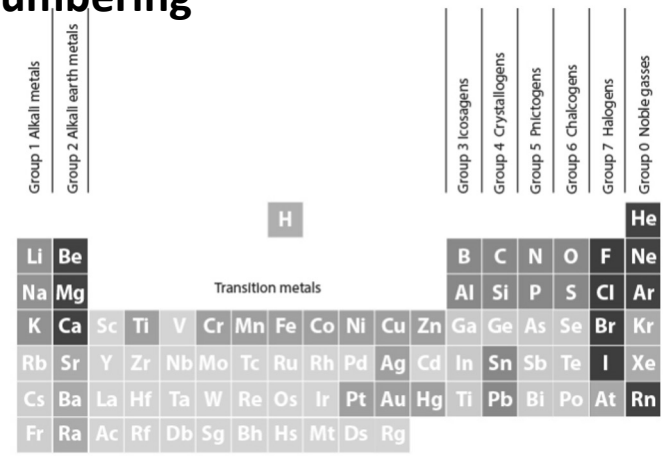
Modern Periodic Table

Groups Naming and Numbering

Groups are numbered in two ways (*modern + trad*)

1 (1A) – Alkali Metals
2 (2A) – Alkali Earth Metals
13 (3A) – Earth Metals
15 (5A) – Pnictogens
16 (6A) – Chalcogens
17 (7A) – Halogens
18 (8A) – Noble Gases



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