

The Periodic Table Study Guide

1. The development of the Periodic Table

- Dmitri Mendeleev (arranged by atomic weight)

PERIODIC SYSTEM OF THE ELEMENTS IN GROUPS AND SERIES.

Series	GROUPS OF ELEMENTS								
	0	I	II	III	IV	V	VI	VII	VIII
1		Hydrogen H 1.008							
2		Helium He 4.0	Lithium Li 7.0	Beryllium Be 9.1	Boron B 11.0	Carbon C 12.0	Nitrogen N 14.0	Oxygen O 16.0	Fluorine F 19.0
3		Sodium Na 23.0	Magnesium Mg 24.3	Aluminum Al 27.0	Silicon Si 28.4	Phosphorus P 31.0	Sulfur S 32.0	Chlorine Cl 35.5	
4	Argon Ar 39.9	Potassium K 40.1	Calcium Ca 40.1	Scandium Sc 44.1	Titanium Ti 48.1	Vanadium V 51.4	Chromium Cr 52.0	Manganese Mn 55.0	Iron Fe 55.9
5		Copper Cu 63.6	Zinc Zn 65.4	Gallium Ga 70.0	Germanium Ge 72.3	Arsenic As 75.0	Selenium Se 79.0	Bromine Br 79.9	Nickel Ni 58.7
6	Krypton Kr 81.0	Rubidium Rb 85.4	Strontium Sr 87.6	Yttrium Y 88.9	Zirconium Zr 91.2	Niobium Nb 94.0	Molybdenum Mo 95.9	Rhodium Rh 101.1	Cobalt Co 58.9
7		Silver Ag 107.9	Cadmium Cd 112.4	Inertium In 114.0	Tin Sn 118.7	Antimony Sb 121.8	Tellurium Te 127.6	Iodine I 126.9	Palladium Pd 106.4
8	Xenon Xe 132.9	Cesium Cs 132.9	Ba- thium Ba 137.4	Lan- thanum La 139.0	Ce- rium Ce 140.1				
9									
10				Ytter- bium Yb 173.1		Tan- talam Ta 182.0	Tung- sten W 186.2		
11		Gold Au 197.2	Mer- cury Hg 200.6	Thal- ium Tl 204.4	Lead Pb 207.2	Bismuth Bi 208.9			
12			Ra- dium Ra 226.0		Tho- rium Th 232.0		Ura- nium U 238.0		

HIGHER SALINE OXIDES
| R | R₂O | RO | RO₂ | RO₃ | R₂O₃ | RO₃ | RO₄ | RO₅ | RO₆ | RO₇ | RO₈ | RO₉ | RO₁₀ | RO₁₁ | RO₁₂ | RO₁₃ | RO₁₄ | RO₁₅ | RO₁₆ | RO₁₇ | RO₁₈ | RO₁₉ | RO₂₀ | RO₂₁ | RO₂₂ | RO₂₃ | RO₂₄ | RO₂₅ | RO₂₆ | RO₂₇ | RO₂₈ | RO₂₉ | RO₃₀ | RO₃₁ | RO₃₂ | RO₃₃ | RO₃₄ | RO₃₅ | RO₃₆ | RO₃₇ | RO₃₈ | RO₃₉ | RO₄₀ | RO₄₁ | RO₄₂ | RO₄₃ | RO₄₄ | RO₄₅ | RO₄₆ | RO₄₇ | RO₄₈ | RO₄₉ | RO₅₀ | RO₅₁ | RO₅₂ | RO₅₃ | RO₅₄ | RO₅₅ | RO₅₆ | RO₅₇ | RO₅₈ | RO₅₉ | RO₆₀ | RO₆₁ | RO₆₂ | RO₆₃ | RO₆₄ | RO₆₅ | RO₆₆ | RO₆₇ | RO₆₈ | RO₆₉ | RO₇₀ | RO₇₁ | RO₇₂ | RO₇₃ | RO₇₄ | RO₇₅ | RO₇₆ | RO₇₇ | RO₇₈ | RO₇₉ | RO₈₀ | RO₈₁ | RO₈₂ | RO₈₃ | RO₈₄ | RO₈₅ | RO₈₆ | RO₈₇ | RO₈₈ | RO₈₉ | RO₉₀ | RO₉₁ | RO₉₂ | RO₉₃ | RO₉₄ | RO₉₅ | RO₉₆ | RO₉₇ | RO₉₈ | RO₉₉ | RO₁₀₀ | RO₁₀₁ | RO₁₀₂ | RO₁₀₃ | RO₁₀₄ | RO₁₀₅ | RO₁₀₆ | RO₁₀₇ | RO₁₀₈ | RO₁₀₉ | RO₁₁₀ | RO₁₁₁ | RO₁₁₂ | RO₁₁₃ | RO₁₁₄ | RO₁₁₅ | RO₁₁₆ | RO₁₁₇ | RO₁₁₈ | RO₁₁₉ | RO₁₂₀ | RO₁₂₁ | RO₁₂₂ | RO₁₂₃ | RO₁₂₄ | RO₁₂₅ | RO₁₂₆ | RO₁₂₇ | RO₁₂₈ | RO₁₂₉ | RO₁₃₀ | RO₁₃₁ | RO₁₃₂ | RO₁₃₃ | RO₁₃₄ | RO₁₃₅ | RO₁₃₆ | RO₁₃₇ | RO₁₃₈ | RO₁₃₉ | RO₁₄₀ | RO₁₄₁ | RO₁₄₂ | RO₁₄₃ | RO₁₄₄ | RO₁₄₅ | RO₁₄₆ | RO₁₄₇ | RO₁₄₈ | RO₁₄₉ | RO₁₅₀ | RO₁₅₁ | RO₁₅₂ | RO₁₅₃ | RO₁₅₄ | RO₁₅₅ | RO₁₅₆ | RO₁₅₇ | RO₁₅₈ | RO₁₅₉ | RO₁₆₀ | RO₁₆₁ | RO₁₆₂ | RO₁₆₃ | RO₁₆₄ | RO₁₆₅ | RO₁₆₆ | RO₁₆₇ | RO₁₆₈ | RO₁₆₉ | RO₁₇₀ | RO₁₇₁ | RO₁₇₂ | RO₁₇₃ | RO₁₇₄ | RO₁₇₅ | RO₁₇₆ | RO₁₇₇ | RO₁₇₈ | RO₁₇₉ | RO₁₈₀ | RO₁₈₁ | RO₁₈₂ | RO₁₈₃ | RO₁₈₄ | RO₁₈₅ | RO₁₈₆ | RO₁₈₇ | RO₁₈₈ | RO₁₈₉ | RO₁₉₀ | RO₁₉₁ | RO₁₉₂ | RO₁₉₃ | RO₁₉₄ | RO₁₉₅ | RO₁₉₆ | RO₁₉₇ | RO₁₉₈ | RO₁₉₉ | RO₂₀₀ | RO₂₀₁ | RO₂₀₂ | RO₂₀₃ | RO₂₀₄ | RO₂₀₅ | RO₂₀₆ | RO₂₀₇ | RO₂₀₈ | RO₂₀₉ | RO₂₁₀ | RO₂₁₁ | RO₂₁₂ | RO₂₁₃ | RO₂₁₄ | RO₂₁₅ | RO₂₁₆ | RO₂₁₇ | RO₂₁₈ | RO₂₁₉ | RO₂₂₀ | RO₂₂₁ | RO₂₂₂ | RO₂₂₃ | RO₂₂₄ | RO₂₂₅ | RO₂₂₆ | RO₂₂₇ | RO₂₂₈ | RO₂₂₉ | RO₂₃₀ | RO₂₃₁ | RO₂₃₂ | RO₂₃₃ | RO₂₃₄ | RO₂₃₅ | RO₂₃₆ | RO₂₃₇ | RO₂₃₈ | RO₂₃₉ | RO₂₄₀ | RO₂₄₁ | RO₂₄₂ | RO₂₄₃ | RO₂₄₄ | RO₂₄₅ | RO₂₄₆ | RO₂₄₇ | RO₂₄₈ | RO₂₄₉ | RO₂₅₀ | RO₂₅₁ | RO₂₅₂ | RO₂₅₃ | RO₂₅₄ | RO₂₅₅ | RO₂₅₆ | RO₂₅₇ | RO₂₅₈ | RO₂₅₉ | RO₂₆₀ | RO₂₆₁ | RO₂₆₂ | RO₂₆₃ | RO₂₆₄ | RO₂₆₅ | RO₂₆₆ | RO₂₆₇ | RO₂₆₈ | RO₂₆₉ | RO₂₇₀ | RO₂₇₁ | RO₂₇₂ | RO₂₇₃ | RO₂₇₄ | RO₂₇₅ | RO₂₇₆ | RO₂₇₇ | RO₂₇₈ | RO₂₇₉ | RO₂₈₀ | RO₂₈₁ | RO₂₈₂ | RO₂₈₃ | RO₂₈₄ | RO₂₈₅ | RO₂₈₆ | RO₂₈₇ | RO₂₈₈ | RO₂₈₉ | RO₂₉₀ | RO₂₉₁ | RO₂₉₂ | RO₂₉₃ | RO₂₉₄ | RO₂₉₅ | RO₂₉₆ | RO₂₉₇ | RO₂₉₈ | RO₂₉₉ | RO₃₀₀ | RO₃₀₁ | RO₃₀₂ | RO₃₀₃ | RO₃₀₄ | RO₃₀₅ | RO₃₀₆ | RO₃₀₇ | RO₃₀₈ | RO₃₀₉ | RO₃₁₀ | RO₃₁₁ | RO₃₁₂ | RO₃₁₃ | RO₃₁₄ | RO₃₁₅ | RO₃₁₆ | RO₃₁₇ | RO₃₁₈ | RO₃₁₉ | RO₃₂₀ | RO₃₂₁ | RO₃₂₂ | RO₃₂₃ | RO₃₂₄ | RO₃₂₅ | RO₃₂₆ | RO₃₂₇ | RO₃₂₈ | RO₃₂₉ | RO₃₃₀ | RO₃₃₁ | RO₃₃₂ | RO₃₃₃ | RO₃₃₄ | RO₃₃₅ | RO₃₃₆ | RO₃₃₇ | RO₃₃₈ | RO₃₃₉ | RO₃₄₀ | RO₃₄₁ | RO₃₄₂ | RO₃₄₃ | RO₃₄₄ | RO₃₄₅ | RO₃₄₆ | RO₃₄₇ | RO₃₄₈ | RO₃₄₉ | RO₃₅₀ | RO₃₅₁ | RO₃₅₂ | RO₃₅₃ | RO₃₅₄ | RO₃₅₅ | RO₃₅₆ | RO₃₅₇ | RO₃₅₈ | RO₃₅₉ | RO₃₆₀ | RO₃₆₁ | RO₃₆₂ | RO₃₆₃ | RO₃₆₄ | RO₃₆₅ | RO₃₆₆ | RO₃₆₇ | RO₃₆₈ | RO₃₆₉ | RO₃₇₀ | RO₃₇₁ | RO₃₇₂ | RO₃₇₃ | RO₃₇₄ | RO₃₇₅ | RO₃₇₆ | RO₃₇₇ | RO₃₇₈ | RO₃₇₉ | RO₃₈₀ | RO₃₈₁ | RO₃₈₂ | RO₃₈₃ | RO₃₈₄ | RO₃₈₅ | RO₃₈₆ | RO₃₈₇ | RO₃₈₈ | RO₃₈₉ | RO₃₉₀ | RO₃₉₁ | RO₃₉₂ | RO₃₉₃ | RO₃₉₄ | RO₃₉₅ | RO₃₉₆ | RO₃₉₇ | RO₃₉₈ | RO₃₉₉ | RO₄₀₀ | RO₄₀₁ | RO₄₀₂ | RO₄₀₃ | RO₄₀₄ | RO₄₀₅ | RO₄₀₆ | RO₄₀₇ | RO₄₀₈ | RO₄₀₉ | RO₄₁₀ | RO₄₁₁ | RO₄₁₂ | RO₄₁₃ | RO₄₁₄ | RO₄₁₅ | RO₄₁₆ | RO₄₁₇ | RO₄₁₈ | RO₄₁₉ | RO₄₂₀ | RO₄₂₁ | RO₄₂₂ | RO₄₂₃ | RO₄₂₄ | RO₄₂₅ | RO₄₂₆ | RO₄₂₇ | RO₄₂₈ | RO₄₂₉ | RO₄₃₀ | RO₄₃₁ | RO₄₃₂ | RO₄₃₃ | RO₄₃₄ | RO₄₃₅ | RO₄₃₆ | RO₄₃₇ | RO₄₃₈ | RO₄₃₉ | RO₄₄₀ | RO₄₄₁ | RO₄₄₂ | RO₄₄₃ | RO₄₄₄ | RO₄₄₅ | RO₄₄₆ | RO₄₄₇ | RO₄₄₈ | RO₄₄₉ | RO₄₅₀ | RO₄₅₁ | RO₄₅₂ | RO₄₅₃ | RO₄₅₄ | RO₄₅₅ | RO₄₅₆ | RO₄₅₇ | RO₄₅₈ | RO₄₅₉ | RO₄₆₀ | RO₄₆₁ | RO₄₆₂ | RO₄₆₃ | RO₄₆₄ | RO₄₆₅ | RO₄₆₆ | RO₄₆₇ | RO₄₆₈ | RO₄₆₉ | RO₄₇₀ | RO₄₇₁ | RO₄₇₂ | RO₄₇₃ | RO₄₇₄ | RO₄₇₅ | RO₄₇₆ | RO₄₇₇ | RO₄₇₈ | RO₄₇₉ | RO₄₈₀ | RO₄₈₁ | RO₄₈₂ | RO₄₈₃ | RO₄₈₄ | RO₄₈₅ | RO₄₈₆ | RO₄₈₇ | RO₄₈₈ | RO₄₈₉ | RO₄₉₀ | RO₄₉₁ | RO₄₉₂ | RO₄₉₃ | RO₄₉₄ | RO₄₉₅ | RO₄₉₆ | RO₄₉₇ | RO₄₉₈ | RO₄₉₉ | RO₅₀₀ | RO₅₀₁ | RO₅₀₂ | RO₅₀₃ | RO₅₀₄ | RO₅₀₅ | RO₅₀₆ | RO₅₀₇ | RO₅₀₈ | RO₅₀₉ | RO₅₁₀ | RO₅₁₁ | RO₅₁₂ | RO₅₁₃ | RO₅₁₄ | RO₅₁₅ | RO₅₁₆ | RO₅₁₇ | RO₅₁₈ | RO₅₁₉ | RO₅₂₀ | RO₅₂₁ | RO₅₂₂ | RO₅₂₃ | RO₅₂₄ | RO₅₂₅ | RO₅₂₆ | RO₅₂₇ | RO₅₂₈ | RO₅₂₉ | RO₅₃₀ | RO₅₃₁ | RO₅₃₂ | RO₅₃₃ | RO₅₃₄ | RO₅₃₅ | RO₅₃₆ | RO₅₃₇ | RO₅₃₈ | RO₅₃₉ | RO₅₄₀ | RO₅₄₁ | RO₅₄₂ | RO₅₄₃ | RO₅₄₄ | RO₅₄₅ | RO₅₄₆ | RO₅₄₇ | RO₅₄₈ | RO₅₄₉ | RO₅₅₀ | RO₅₅₁ | RO₅₅₂ | RO₅₅₃ | RO₅₅₄ | RO₅₅₅ | RO₅₅₆ | RO₅₅₇ | RO₅₅₈ | RO₅₅₉ | RO₅₆₀ | RO₅₆₁ | RO₅₆₂ | RO₅₆₃ | RO₅₆₄ | RO₅₆₅ | RO₅₆₆ | RO₅₆₇ | RO₅₆₈ | RO₅₆₉ | RO₅₇₀ | RO₅₇₁ | RO₅₇₂ | RO₅₇₃ | RO₅₇₄ | RO₅₇₅ | RO₅₇₆ | RO₅₇₇ | RO₅₇₈ | RO₅₇₉ | RO₅₈₀ | RO₅₈₁ | RO₅₈₂ | RO₅₈₃ | RO₅₈₄ | RO₅₈₅ | RO₅₈₆ | RO₅₈₇ | RO₅₈₈ | RO₅₈₉ | RO₅₉₀ | RO₅₉₁ | RO₅₉₂ | RO₅₉₃ | RO₅₉₄ | RO₅₉₅ | RO₅₉₆ | RO₅₉₇ | RO₅₉₈ | RO₅₉₉ | RO₆₀₀ | RO₆₀₁ | RO₆₀₂ | RO₆₀₃ | RO₆₀₄ | RO₆₀₅ | RO₆₀₆ | RO₆₀₇ | RO₆₀₈ | RO₆₀₉ | RO₆₁₀ | RO₆₁₁ | RO₆₁₂ | RO₆₁₃ | RO₆₁₄ | RO₆₁₅ | RO₆₁₆ | RO₆₁₇ | RO₆₁₈ | RO₆₁₉ | RO₆₂₀ | RO₆₂₁ | RO₆₂₂ | RO₆₂₃ | RO₆₂₄ | RO₆₂₅ | RO₆₂₆ | RO₆₂₇ | RO₆₂₈ | RO₆₂₉ | RO₆₃₀ | RO₆₃₁ | RO₆₃₂ | RO₆₃₃ | RO₆₃₄ | RO₆₃₅ | RO₆₃₆ | RO₆₃₇ | RO₆₃₈ | RO₆₃₉ | RO₆₄₀ | RO₆₄₁ | RO₆₄₂ | RO₆₄₃ | RO₆₄₄ | RO₆₄₅ | RO₆₄₆ | RO₆₄₇ | RO₆₄₈ | RO₆₄₉ | RO₆₅₀ | RO₆₅₁ | RO₆₅₂ | RO₆₅₃ | RO₆₅₄ | RO₆₅₅ | RO₆₅₆ | RO₆₅₇ | RO₆₅₈ | RO₆₅₉ | RO₆₆₀ | RO₆₆₁ | RO₆₆₂ | RO₆₆₃ | RO₆₆₄ | RO₆₆₅ | RO₆₆₆ | RO₆₆₇ | RO₆₆₈ | RO₆₆₉ | RO₆₇₀ | RO₆₇₁ | RO₆₇₂ | RO₆₇₃ | RO₆₇₄ | RO₆₇₅ | RO₆₇₆ | RO₆₇₇ | RO₆₇₈ | RO₆₇₉ | RO₆₈₀ | RO₆₈₁ | RO₆₈₂ | RO₆₈₃ | RO₆₈₄ | RO₆₈₅ | RO₆₈₆ | RO₆₈₇ | RO₆₈₈ | RO₆₈₉ | RO₆₉₀ | RO₆₉₁ | RO₆₉₂ | RO₆₉₃ | RO₆₉₄ | RO₆₉₅ | RO₆₉₆ | RO₆₉₇ | RO₆₉₈ | RO₆₉₉ | RO₇₀₀ | RO₇₀₁ | RO₇₀₂ | RO₇₀₃ | RO₇₀₄ | RO₇₀₅ | RO₇₀₆ | RO₇₀₇ | RO₇₀₈ | RO₇₀₉ | RO₇₁₀ | RO₇₁₁ | RO₇₁₂ | RO₇₁₃ | RO₇₁₄ | RO₇₁₅ | RO₇₁₆ | RO₇₁₇ | RO₇₁₈ | RO₇₁₉ | RO₇₂₀ | RO₇₂₁ | RO₇₂₂ | RO₇₂₃ | RO₇₂₄ | RO₇₂₅ | RO₇₂₆ | RO₇₂₇ | RO₇₂₈ | RO₇₂₉ | RO₇₃₀ | RO₇₃₁ | RO₇₃₂ | RO₇₃₃ | RO₇₃₄ | RO₇₃₅ | RO₇₃₆ | RO₇₃₇ | RO₇₃₈ | RO₇₃₉ | RO₇₄₀ | RO₇₄₁ | RO₇₄₂ | RO₇₄₃ | RO₇₄₄ | RO₇₄₅ | RO₇₄₆ | RO₇₄₇ | RO₇₄₈ | RO₇₄₉ | RO₇₅₀ | RO₇₅₁ | RO₇₅₂ | RO₇₅₃ | RO₇₅₄ | RO₇₅₅ | RO₇₅₆ | RO₇₅₇ | RO₇₅₈ | RO₇₅₉ | RO₇₆₀ | RO₇₆₁ | RO₇₆₂ | RO₇₆₃ | RO₇₆₄ | RO₇₆₅ | RO₇₆₆ | RO₇₆₇ | RO₇₆₈ | RO₇₆₉ | RO₇₇₀ | RO₇₇₁ | RO₇₇₂ | RO₇₇₃ | RO₇₇₄ | RO₇₇₅ | RO₇₇₆ | RO₇₇₇ | RO₇₇₈ | RO₇₇₉ | RO₇₈₀ | RO₇₈₁ | RO₇₈₂ | RO₇₈₃ | RO₇₈₄ | RO₇₈₅ | RO₇₈₆ | RO₇₈₇ | RO₇₈₈ | RO₇₈₉ | RO₇₉₀ | RO₇₉₁ | RO₇₉₂ | RO₇₉₃ | RO₇₉₄ | RO₇₉₅ | RO₇₉₆ | RO₇₉₇ | RO₇₉₈ | RO₇₉₉ | RO₈₀₀ | RO₈₀₁ | RO₈₀₂ | RO₈₀₃ | RO₈₀₄ | RO₈₀₅ | RO₈₀₆ | RO₈₀₇ | RO₈₀₈ | RO₈₀₉ | RO₈₁₀ | RO₈₁₁ | RO₈₁₂ | RO₈₁₃ | RO₈₁₄ | RO₈₁₅ | RO₈₁₆ | RO₈₁₇ | RO₈₁₈ | RO₈₁₉ | RO₈₂₀ | RO₈₂₁ | RO₈₂₂ | RO₈₂₃ | RO₈₂₄ | RO₈₂₅ | RO₈₂₆ | RO₈₂₇ | RO₈₂₈ | RO₈₂₉ | RO₈₃₀ | RO₈₃₁ | RO₈₃₂ | RO₈₃₃ | RO₈₃₄ | RO₈₃₅ | RO₈₃₆ | RO₈₃₇ | RO₈₃₈ | RO₈₃₉ | RO₈₄₀ | RO₈₄₁ | RO₈₄₂ | RO₈₄₃ | RO₈₄₄ | RO₈₄₅ | RO₈₄₆ | RO₈₄₇ | RO₈₄₈ | RO₈₄₉ | RO₈₅₀ | RO₈₅₁ | RO₈₅₂ | RO₈₅₃ | RO₈₅₄ | RO₈₅₅ | RO₈₅₆ | RO₈₅₇ | RO₈₅₈ | RO₈₅₉ | RO₈₆₀ | RO₈₆₁ | RO₈₆₂ | RO₈₆₃ | RO₈₆₄ | RO₈₆₅ | RO₈₆₆ | RO₈₆₇ | RO₈₆₈ | RO₈₆₉ | RO₈₇₀ | RO₈₇₁ | RO₈₇₂ | RO₈₇₃ | RO₈₇₄ | RO₈₇₅ | RO₈₇₆ | RO₈₇₇ | RO₈₇₈ | RO₈₇₉ | RO₈₈₀ | RO₈₈₁ | RO₈₈₂ | RO₈₈₃ | RO₈₈₄ | RO₈₈₅ | RO₈₈₆ | RO₈₈₇ | RO₈₈₈ | RO₈₈₉ | RO₈₉₀ | RO₈₉₁ | RO₈₉₂ | RO₈₉₃ | RO₈₉₄ | RO₈₉₅ | RO₈₉₆ | RO₈₉₇ | RO₈₉₈ | RO₈₉₉ | RO₉₀₀ | RO₉₀₁ | RO₉₀₂ | RO₉₀₃ | RO₉₀₄ | RO₉₀₅ | RO₉₀₆ | RO₉₀₇ | RO₉₀₈ | RO₉₀₉ | RO₉₁₀ | RO₉₁₁ | RO₉₁₂ | RO₉₁₃ | RO₉₁₄ | RO₉₁₅ | RO₉₁₆ | RO₉₁₇ | RO₉₁₈ | RO₉₁₉ | RO₉₂₀ | RO₉₂₁ | RO₉₂₂ | RO₉₂₃ | RO₉₂₄ | RO₉₂₅ | RO₉₂₆ | RO₉₂₇ | RO₉₂₈ | RO₉₂₉ | RO₉₃₀ | RO₉₃₁ | RO₉₃₂ | RO₉₃₃ | RO₉₃₄ | RO₉₃₅ | RO₉₃₆ | RO₉₃₇ | RO₉₃₈ | RO₉₃₉ | RO₉₄₀ | RO₉₄₁ | RO₉₄₂ | RO₉₄₃ | RO₉₄₄ | RO₉₄₅ | RO₉₄₆ | RO₉₄₇ | RO₉₄₈ | RO₉₄₉ | RO₉₅₀ | RO₉₅₁ | RO₉₅₂ | RO₉₅₃ | RO₉₅₄ | RO₉₅₅ | RO₉₅₆ | RO₉₅₇ | RO₉₅₈

5. What are the most reactive metals? Nonmetals?

Metals are most reactive and the most reactive element is Francium. The further to the left and to the bottom the more the reactive an element is.

6. Why is Hydrogen not part of any family?

Hydrogen is not part of any family because its characteristics are like no other group. It is located in family one, which are metals, but has properties of nonmetals.

7. Know the family names! Be able to locate elements on the Periodic table when given the family name.

<u>Group Name</u>	<u>Valence Electrons</u>
Group 1: Alkali Metals	1 Valence electron
Group 2: Alkaline Earth Metals	2 Valence Electrons
Groups 3-12: Transition Metals	Varies 1 or 2 Valence Electrons
Group 13: Boron Group	3 Valence Electrons
Group 14: Carbon Group	4 Valence Electrons
Group 15: Nitrogen Group	5 Valence Electrons
Group 16: Oxygen Group	6 Valence Electrons
Group 17: Halogens	7 Valence Electrons
Group 18: Noble Gases (unreactive because it is happy)	8 Valence Electrons (except for Helium that has 2)
Hydrogen (by itself)	1 Valence Electron (doesn't share characteristics of any other group)

The Periodic Table and Valence Electrons

Electron Arrangement in an Atom



