

Atoms vs Molecules

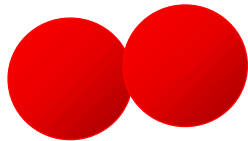
Atom:

- Single (smallest) particle of an element

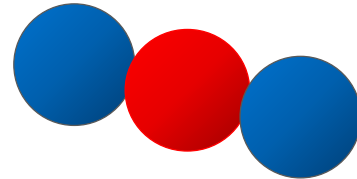


Molecule:

- 2 or more atoms bonded (joined) together
- Can be the same type of atom, or different types



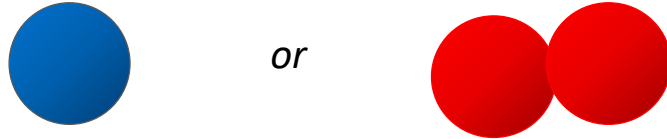
or



Elements vs Compounds

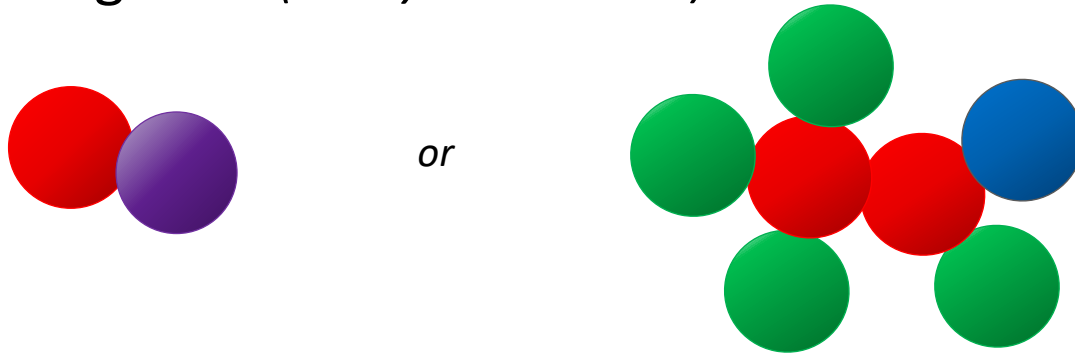
Element:

- Only 1 type of atom (*can be a molecule*)



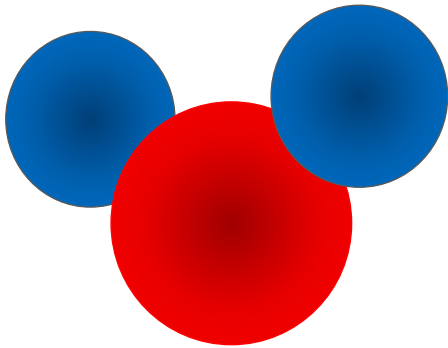
Compound:

- 2 or more atoms of different elements chemically bonded together (*always a molecule*)

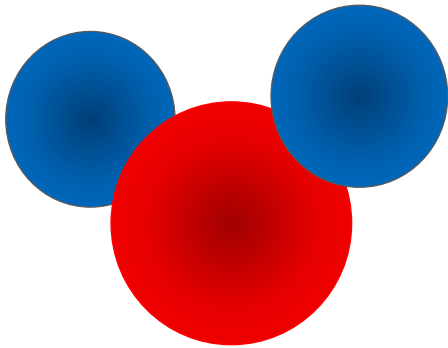


QUIZ

TIME

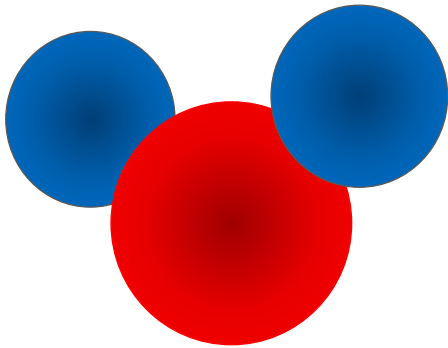


Atom
or
Molecule



Atom
or
Molecule

Element
or
Compound



Molecule

Element

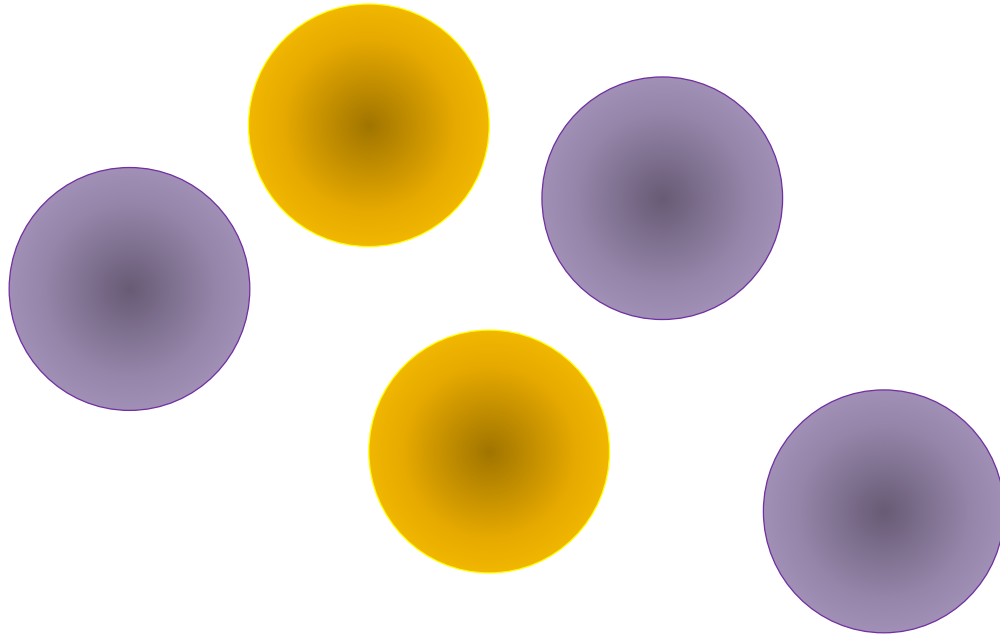
or

Compound

Atoms

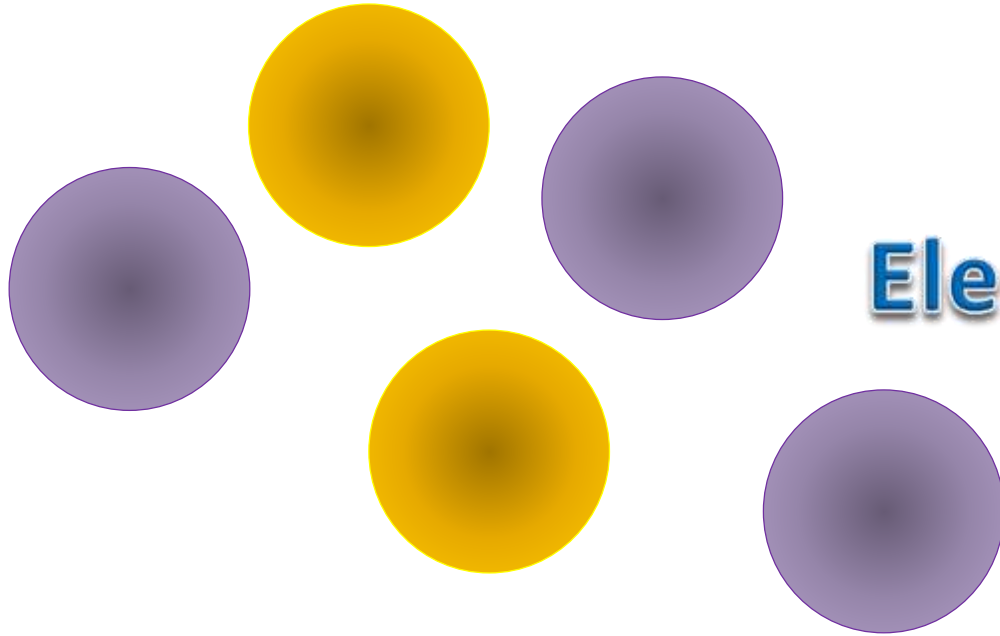
or

Molecules

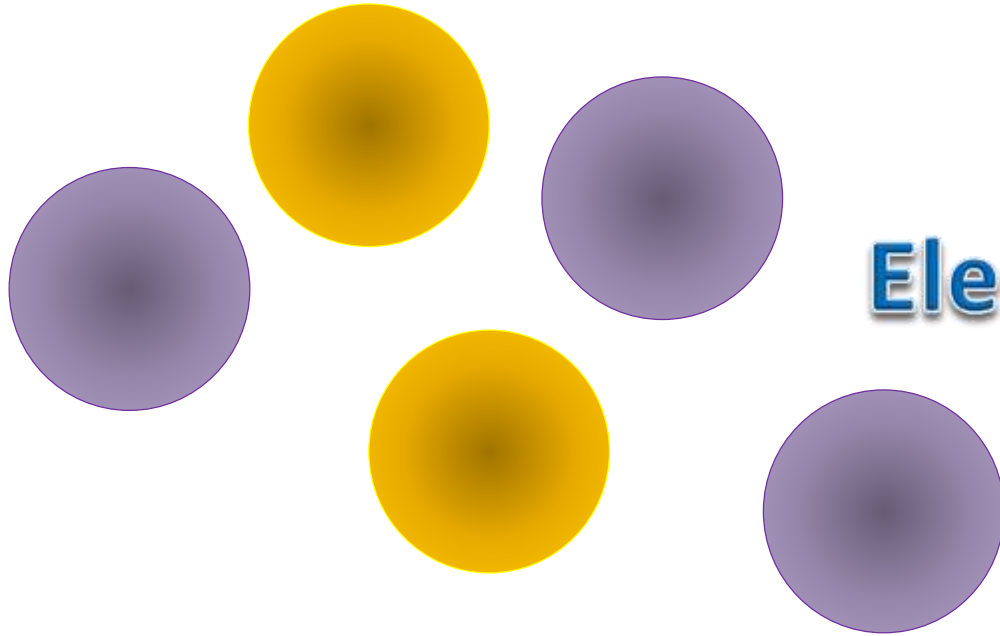


Atoms
or
Molecules

Elements
or
Compounds



Atoms

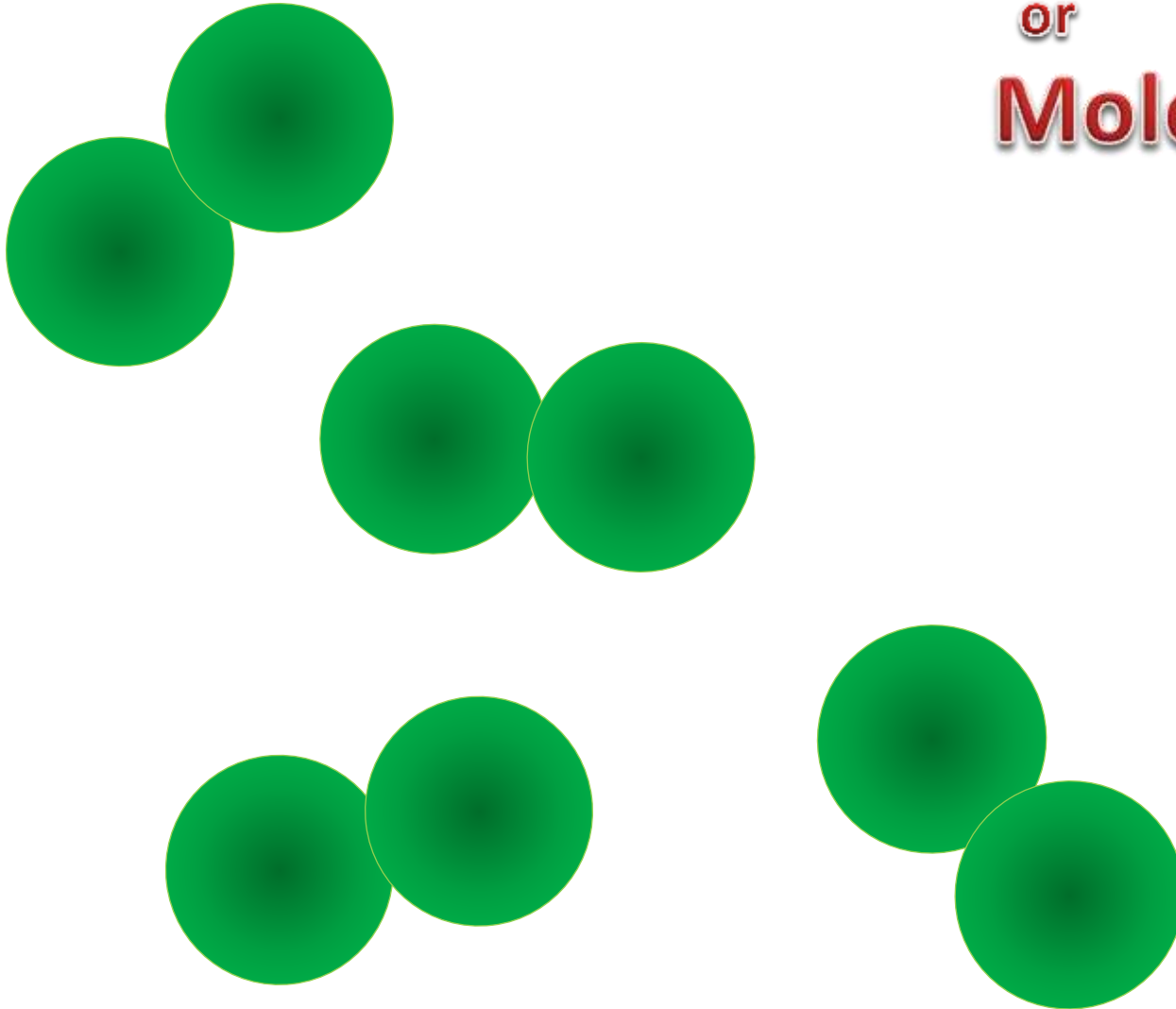


Elements

or

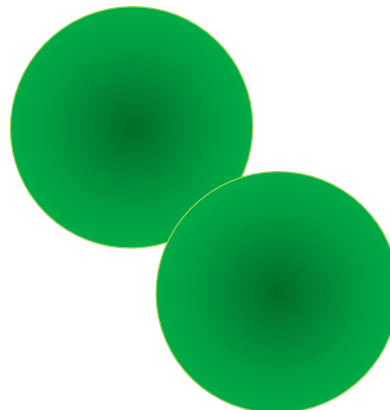
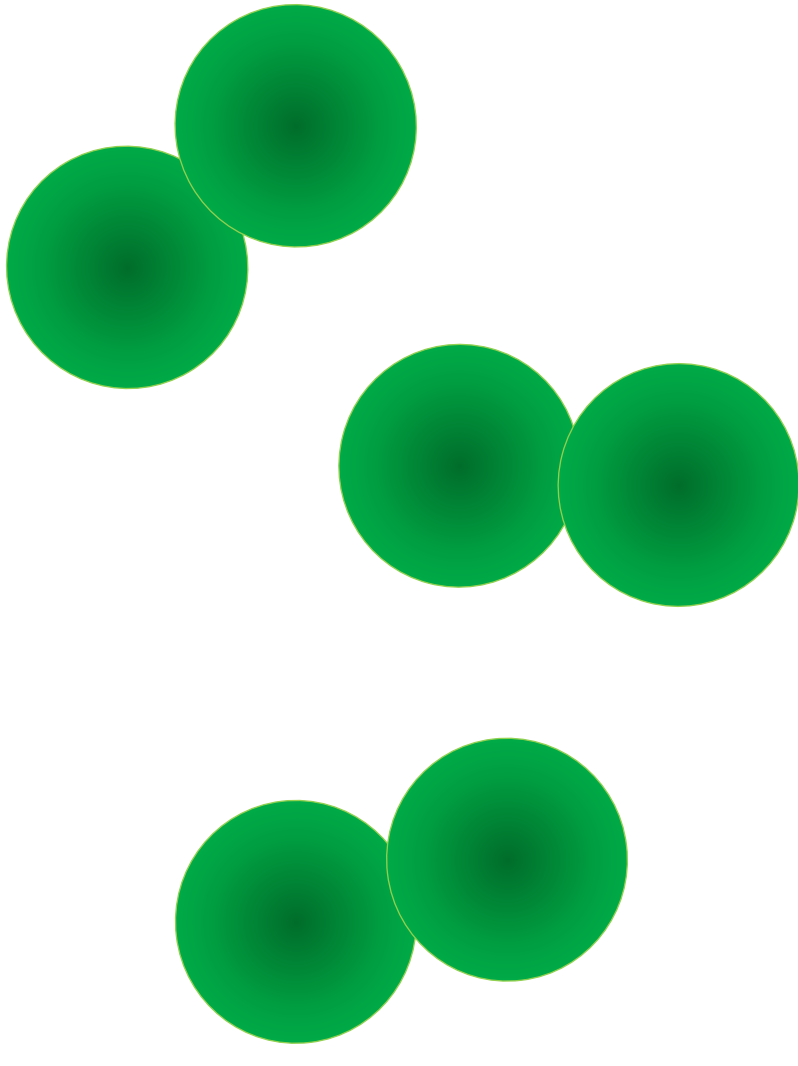
Compounds

Atoms or Molecules



Atoms
or
Molecules

Element
or
Compound

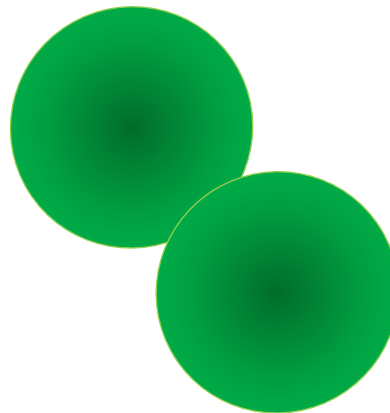
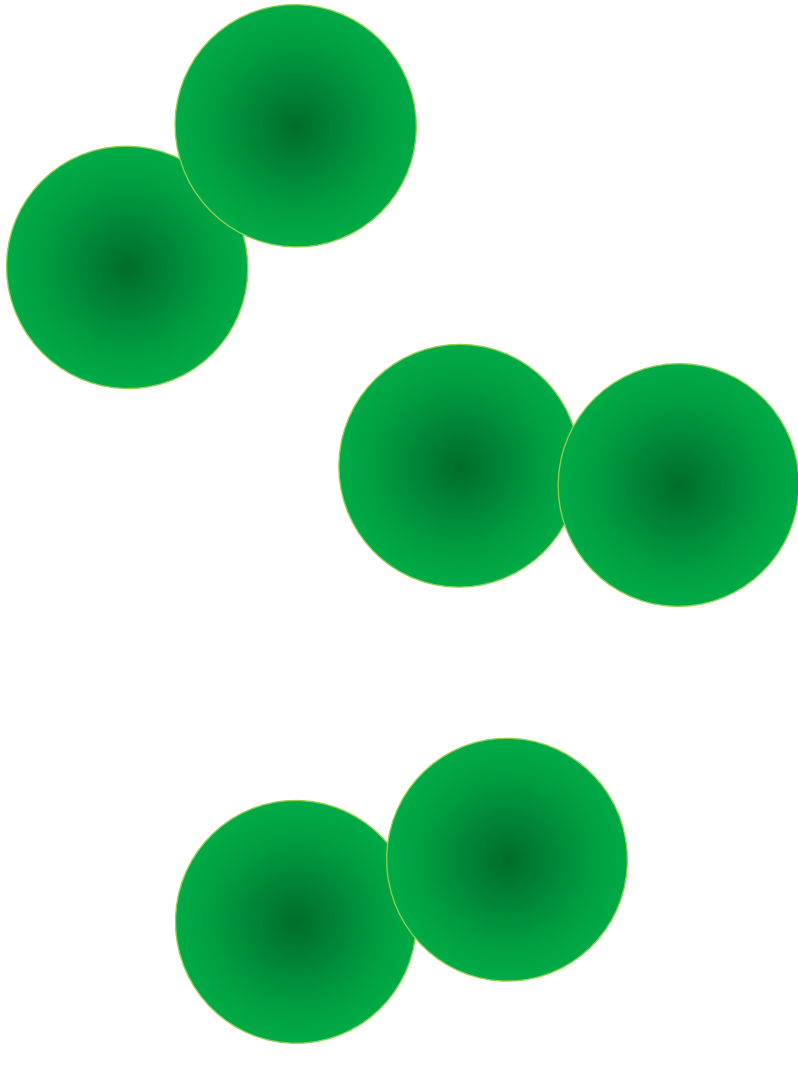


Molecules

Element

or

Compound





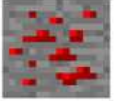



Where can I find a list
of all known elements?





Periodic Table














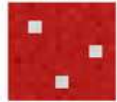

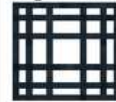


Ore

C 16  Coal	Fe 15  Ferum
Au 14  Aurum	LI 21  Lapis Lazuli
Rs 73  Redstone	Ad 56  Diamond

Liquids

AQ 08  Aqua	Lv 10  Lava
---	---

Natural

St 01  Stone	Di 03  Dirt	Sa 12  Sand	Be 07  Bedrock	Wd 17  Wood	Cl 82  Clay
Gr 13  Gravel	Sn 80  Snow	Ic 79  Ice	Gl 20  Glass	Cs 04  Cobblestone	Mo 48  Moss Stone
Ob 49  Obsidian	Hm 100  H.Mushroom	My 110  Mycelium	Sp 52  Spawner	Pk 86  Pumpkin	Wl 35  Wool

The Nether

Gs 89  Glowstone	Fi 51  Fire
Ne 87  Netherrack	Nb 112  NetherBrick
Ss 88  Soul Sand	NP 90  NetherPortal





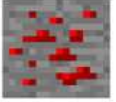

The End


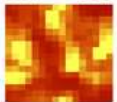
Es 121  End Stone	De 122  Dragon Egg
---	--











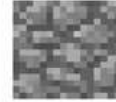


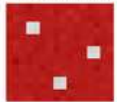




Where can I find a list of all known elements?




Periodic Table

Ore	
C 16  Coal	Fe 15  Ferum
Au 14  Aurum	LI 21  Lapis Lazuli
Rs 73  Redstone	Ad 56  Diamond

Liquids	
AQ 08  Aqua	Lv 10  Lava

Natural					
St 01  Stone	Di 03  Dirt	Sa 12  Sand	Be 07  Bedrock	Wd 17  Wood	Cl 82  Clay
Gr 13  Gravel	Sn 80  Snow	Ic 79  Ice	Gl 20  Glass	Cs 04  Cobblestone	Mo 48  Moss Stone
Ob 49  Obsidian	Hm 100  H.Mushroom	My 110  Mycelium	Sp 52  Spawner	Pk 86  Pumpkin	Wl 35  Wool

The Nether	
Gs 89  Glowstone	Fi 51  Fire
Ne 87  Netherrack	Nb 112  NetherBrick
Ss 88  Soul Sand	NP 90  NetherPortal




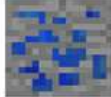


The End	
Es 121  End Stone	De 122  Dragon Egg

I don't think that's the real Periodic Table.





Periodic Table of MINECRAFT








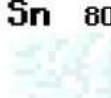










Ore

C 16  Coal	Fe 15  Ferum
Au 14  Aurum	LI 21  Lapis Lazuli
Rs 73  Redstone	Ad 56  Diamond

Liquids

AQ 08  Aqua	Lv 10  Lava
---	---

Natural

St 01  Stone	Di 03  Dirt	Sa 12  Sand	Be 07  Bedrock	Wd 17  Wood	Cl 82  Clay
Gr 13  Gravel	Sn 80  Snow	Ic 79  Ice	Gl 20  Glass	Cs 04  Cobblestone	Mo 48  Moss Stone
Ob 49  Obsidian	Hm 100  H.Mushroom	My 110  Mycelium	Sp 52  Spawner	Pk 86  Pumpkin	Wl 35  Wool

The Nether

Gs 89  Glowstone	Fi 51  Fire
Ne 87  Netherrack	Nb 112  NetherBrick
Ss 88  Soul Sand	NP 90  NetherPortal

The End

Es 121  End Stone	De 122  Dragon Egg
---	--

I didn't think so.



Periodic Table of the Elements

1 H Hydrogen 1.008																	2 He Helium 4.003
3 Li Lithium 6.941	4 Be Beryllium 9.012											5 B Boron 10.811	6 C Carbon 12.011	7 N Nitrogen 14.007	8 O Oxygen 15.999	9 F Fluorine 18.998	10 Ne Neon 20.180
11 Na Sodium 22.990	12 Mg Magnesium 24.305											13 Al Aluminum 26.982	14 Si Silicon 28.086	15 P Phosphorus 30.974	16 S Sulfur 32.065	17 Cl Chlorine 35.453	18 Ar Argon 39.948
19 K Potassium 39.098	20 Ca Calcium 40.078	21 Sc Scandium 44.956	22 Ti Titanium 47.867	23 V Vanadium 50.942	24 Cr Chromium 51.996	25 Mn Manganese 54.938	26 Fe Iron 55.845	27 Co Cobalt 58.933	28 Ni Nickel 58.693	29 Cu Copper 63.546	30 Zn Zinc 65.38	31 Ga Gallium 69.723	32 Ge Germanium 72.631	33 As Arsenic 74.922	34 Se Selenium 78.96	35 Br Bromine 79.904	36 Kr Krypton 83.798
37 Rb Rubidium 85.468	38 Sr Strontium 87.62	39 Y Yttrium 88.906	40 Zr Zirconium 91.224	41 Nb Niobium 92.906	42 Mo Molybdenum 95.95	43 Tc Technetium 98.907	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.906	46 Pd Palladium 106.42	47 Ag Silver 107.868	48 Cd Cadmium 112.411	49 In Indium 114.818	50 Sn Tin 118.710	51 Sb Antimony 121.760	52 Te Tellurium 127.6	53 I Iodine 126.904	54 Xe Xenon 131.29
55 Cs Cesium 132.905	56 Ba Barium 137.328	57-71	72 Hf Hafnium 178.49	73 Ta Tantalum 180.948	74 W Tungsten 183.84	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.217	78 Pt Platinum 195.085	79 Au Gold 196.967	80 Hg Mercury 200.592	81 Tl Thallium 204.384	82 Pb Lead 207.2	83 Bi Bismuth 208.980	84 Po Polonium [209]	85 At Astatine [209]	86 Rn Radon [222]
87 Fr Francium [223]	88 Ra Radium 226.025	89-103	104 Rf Rutherfordium [261]	105 Db Dubnium [262]	106 Sg Seaborgium [266]	107 Bh Bohrium [264]	108 Hs Hassium [269]	109 Mt Meitnerium [268]	110 Ds Darmstadtium [269]	111 Rg Roentgenium [272]	112 Cn Copernicium [277]	113 Nh Nihonium [284]	114 Fl Flerovium [289]	115 Mc Moscovium [288]	116 Lv Livermorium [293]	117 Ts Tennessine unknown	118 Og Oganesson unknown

57 La Lanthanum 138.905	58 Ce Cerium 140.116	59 Pr Praseodymium 140.908	60 Nd Neodymium 144.242	61 Pm Promethium 144.913	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.925	66 Dy Dysprosium 162.500	67 Ho Holmium 164.930	68 Er Erbium 167.259	69 Tm Thulium 168.934	70 Yb Ytterbium 173.055	71 Lu Lutetium 174.967
89 Ac Actinium 227.028	90 Th Thorium 232.038	91 Pa Protactinium 231.036	92 U Uranium 238.029	93 Np Neptunium 237.048	94 Pu Plutonium 244.064	95 Am Americium 243.061	96 Cm Curium 247.070	97 Bk Berkelium 247.070	98 Cf Californium 251.080	99 Es Einsteinium [254]	100 Fm Fermium 257.095	101 Md Mendelevium 288.1	102 No Nobelium 259.101	103 Lr Lawrencium [262]

Alkali Metal	Alkaline Earth	Transition Metal	Basic Metal	Semimetal	Nonmetal	Halogen	Noble Gas	Lanthanide	Actinide
--------------	----------------	------------------	-------------	-----------	----------	---------	-----------	------------	----------

