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1	IA																VIII A					
1	1 H Hydrogen 1.008	IIA														2 He Helium 4.003						
2	3 Li Lithium 7.000	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
3	11 Na Sodium 22.990	12 Mg Magnesium 24.305															13 Al Aluminium 26.982	14 Si Silicon 28.085	15 P Phosphorus 30.974	16 S Sulfur 32.070	17 Cl Chlorine 35.450	18 Ar Argon 39.900
4	19 K Potassium 39.098	20 Ca Calcium 40.080	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 55.840	27 Co Cobalt 58.933	28 Ni Nickel 58.693	29 Cu Copper 63.550	30 Zn Zinc 65.400	31 Ga Gallium 69.723	32 Ge Germanium 72.630	33 As Arsenic 74.922	34 Se Selenium 78.970	35 Br Bromine 79.900	36 Kr Krypton 83.800				
5	37 Rb Rubidium 85.468	38 Sr Strontium 87.620	39 Y Yttrium 88.906	40 Zr Zirconium 91.220	41 Nb Niobium 92.906	42 Mo Molybdenum 95.950	43 Tc Technetium 96.906	44 Ru Ruthenium 101.100	45 Rh Rhodium 102.906	46 Pd Palladium 106.420	47 Ag Silver 107.868	48 Cd Cadmium 112.410	49 In Indium 114.818	50 Sn Tin 118.710	51 Sb Antimony 121.760	52 Te Tellurium 127.600	53 I Iodine 126.905	54 Xe Xenon 131.290				
6	55 Cs Caesium 132.905	56 Ba Barium 137.330	57 - 71 Lanthanoids	72 Hf Hafnium 178.490	73 Ta Tantalum 180.948	74 W Tungsten 183.840	75 Re Rhenium 186.207	76 Os Osmium 190.200	77 Ir Iridium 192.220	78 Pt Platinum 195.080	79 Au Gold 196.967	80 Hg Mercury 200.590	81 Tl Thallium 204.383	82 Pb Lead 207.000	83 Bi Bismuth 208.980	84 Po Polonium 208.982	85 At Astatine 209.987	86 Rn Radon 222.018				
7	87 Fr Francium 223.020	88 Ra Radium 226.025	90 - 103 Actinoids	104 Rf Rutherfordium 267.122	105 Db Dubnium 268.126	106 Sg Seaborgium 269.128	107 Bh Bohrium 270.133	108 Hs Hassium 269.134	109 Mt Meitnerium 277.154	110 Ds Darmstadtium 282.166	111 Rg Roentgenium 282.169	112 Cn Copernicium 286.179	113 Nh Nihonium 286.182	114 Fl Flerovium 290.192	115 Mc Moscovium 290.196	116 Lv Livermorium 293.205	117 Ts Tennessine 294.211	118 Og Oganesson 295.216				

57 La Lanthanum 138.906	58 Ce Cerium 140.116	59 Pr Praseodymium 140.908	60 Nd Neodymium 144.240	61 Pm Promethium 144.913	62 Sm Samarium 150.360	63 Eu Europium 151.964	64 Gd Gadolinium 157.200	65 Tb Terbium 158.925	66 Dy Dysprosium 162.500	67 Ho Holmium 164.930	68 Er Erbium 167.260	69 Tm Thulium 168.934	70 Yb Ytterbium 173.050	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 252.083	100 Fm Fermium 257.095	101 Md Mendelevium 258.098	102 No Nobelium 259.101	103 Lr Lawrencium 262.108

- Alkali metals
- Transition metals
- Metalloids
- Halogens
- Lanthanide
- Alkaline earth metals
- Post-transition metals
- Nonmetals
- Noble gases
- Actinide