

1	2	3	4	5	6	7	8	11	12	13	14	15	16	17	18
IA	IIA	IIIB	IVB	VB	VIB	VIIIB		IB	IIB	III A	IV A	VA	VIA	VIIA	VIIIA

1.01 Wasserstoff Hydrogen H 1	1.01 2.20 1.01 2.20 Wasserstoff Hydrogen H 1	10.81 Bor Boron B 5	12.01 Kohlenstoff Carbon C 6	14.01 Stickstoff Nitrogen N 7	16.00 Sauerstoff Oxygen O 8	19.00 Fluor Fluorine F 9	4.00 Helium Helium He 2														
6.94 Lithium Lithium Li 3	9.01 Beryllium Beryllium Be 4	22.99 Natrium Sodium Na 11	24.31 Magnesium Magnesium Mg 12	39.10 Kalium Potassium K 19	40.08 Calcium Calcium Ca 20	44.96 Scandium Scandium Sc 21	47.87 Titan Titanium Ti 22	50.94 Vanadium Vanadium V 23	52.00 Chrom Chromium Cr 24	54.94 Mangan Manganese Mn 25	55.85 Eisen Iron Fe 26	58.93 Cobalt Cobalt Co 27	58.69 Nickel Nickel Ni 28	63.55 Kupfer Copper Cu 29	65.38 Zink Zinc Zn 30	69.72 Gallium Gallium Ga 31	72.64 Germanium Germanium Ge 32	74.92 Arsen Arsenic As 33	78.96 Selen Selenium Se 34	80.36 Brom Bromine Br 35	83.80 Krypton Krypton Kr 36
85.47 Rubidium Rubidium Rb 37	87.62 Strontium Strontium Sr 38	88.91 Yttrium Yttrium Y 39	91.22 Zirconium Zirconium Zr 40	92.91 Niobium Niobium Nb 41	95.94 Molybdän Molybdenum Mo 42	98 Technetium Technetium Tc 43	101.07 Ruthenium Ruthenium Ru 44	101.66 Rhodium Rhodium Rh 45	102.91 Palladium Palladium Pd 46	106.42 Rhodium Rhodium Rh 47	107.87 Silber Silver Ag 48	112.41 Cadmium Cadmium Cd 49	114.82 Indium Indium In 50	118.71 Zinn Tin Sn 51	121.76 Antimon Antimony Sb 52	127.60 Tellur Tellurium Te 53	131.29 Iod Iodine I 54	Xenon Xenon Xe 55			
132.91 Caesium Cesium Cs 55	137.33 Barium Barium Ba 56	178.49 Hafnium Hafnium Hf 72	180.85 Tantal Tantalum Ta 73	183.84 Wolfram Tungsten W 74	186.21 Rhenium Rhenium Re 75	190.23 Osmium Osmium Os 76	192.22 Iridium Iridium Ir 77	195.08 Platin Platinum Pt 78	196.97 Gold Gold Au 79	200.59 Quecksilber Mercury Hg 80	204.38 Thallium Thallium Tl 81	207.20 Blei Lead Pb 82	208.98 Bismut Bismuth Bi 83	209 Polonium Polonium Po 84	210 Astat Astatine At 85	212 Radon Radon Rn 86					
223 Francium Francium Fr 87	226 Radium Radium Ra 88	261 Rutherfordium Rutherfordium Ac 104	262 Dubnium Dubnium Rf 105	266 Seaborgium Seaborgium Db 106	264 Bohrium Bohrium Sg 107	277 Hassium Hassium Bh 108	268 Meitnerium Meitnerium Mt 109	281 Darmstadtium Darmstadtium Ds 110	272 Roentgenium Roentgenium Rg 111	285 Copernicium Copernicium Cn 112	286 Nihonium Nihonium Nh 113	289 Flerovium Flerovium Fl 114	288 Moscovium Moscovium Mc 115	292 Livermorium Livermorium Lv 116	294 Tennessine Tennessine Ts 117	294 Oganesson Oganesson Og 118					

138.91 Lanthan Lanthanum La 57	1.10 Cer Cerium Ce 58	140.12 Praseodym Praseodymium Pr 59	1.12 Neodym Neodymium Nd 60	144.91 Promethium Promethium Pm 61	1.13 Samarium Samarium Sm 62	150.36 Europium Europium Eu 63	1.17 Gadolinium Gadolinium Gd 64	151.96 Terbium Terbium Tb 65	1.20 Dysprosium Dysprosium Dy 66	157.25 Holmium Holmium Ho 67	1.22 Dysprosium Dysprosium Dy 68	162.5 Terbium Terbium Er 69	1.23 Holmium Holmium Er 70	164.93 Thulium Thulium Tm 71	1.24 Thulium Thulium Yb 72	168.93 Thulium Thulium Lu 73				
227 Actinium Actinium Ac 89	1.1 Thorium Thorium Th 90	232.04 Protactinium Protactinium Pa 91	1.3 Uran Uranium U 92	231.04 Neptunium Neptunium Np 93	1.5 Plutonium Plutonium Pu 94	238.03 Neptunium Neptunium Np 95	1.38 Plutonium Plutonium Pu 96	243 Americium Americium Am 97	1.28 Curium Curium Cm 98	244 Curium Curium Cm 99	1.3 Curium Curium Cm 100	247 Berkelium Berkelium Bk 101	1.3 Berkelium Berkelium Bk 102	251 Einsteinium Einsteinium Cf 103	1.3 Einsteinium Einsteinium Cf 104	252 Fermium Fermium Fm 105	1.3 Mendelevium Mendelevium Md 106	257 Fermium Fermium Fm 107	1.3 Nobelium Nobelium No 108	258 Lawrencium Lawrencium Lr 109