

# CHEMIE

1																	18																	
1 1.008 <b>H</b> hydrogen																	2 4.003 <b>He</b> helium																	
3	4											5	6	7	8	9	10	11	12	13	14	15	16	17										
6.94 <b>Li</b> lithium	9.012 <b>Be</b> beryllium											10.81 <b>B</b> boron	12.01 <b>C</b> carbon	14.01 <b>N</b> nitrogen	16.00 <b>O</b> oxygen	19.00 <b>F</b> fluorine	20.18 <b>Ne</b> neon																	
11	12											13	14	15	16	17	18																	
22.99 <b>Na</b> sodium	24.31 <b>Mg</b> magnesium											26.98 <b>Al</b> aluminium	28.09 <b>Si</b> silicon	30.97 <b>P</b> phosphorus	32.06 <b>S</b> sulfur	35.45 <b>Cl</b> chlorine	39.95 <b>Ar</b> argon																	
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36																	
39.10 <b>K</b> potassium	40.08 <b>Ca</b> calcium	44.96 <b>Sc</b> scandium	47.87 <b>Ti</b> titanium	50.94 <b>V</b> vanadium	52.00 <b>Cr</b> chromium	54.94 <b>Mn</b> manganese	55.85 <b>Fe</b> iron	58.93 <b>Co</b> cobalt	58.69 <b>Ni</b> nickel	63.55 <b>Cu</b> copper	65.38 <b>Zn</b> zinc	69.72 <b>Ga</b> gallium	72.63 <b>Ge</b> germanium	74.92 <b>As</b> arsenic	78.96 <b>Se</b> selenium	79.90 <b>Br</b> bromine	83.80 <b>Kr</b> krypton																	
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54																	
85.47 <b>Rb</b> rubidium	87.62 <b>Sr</b> strontium	88.91 <b>Y</b> yttrium	91.22 <b>Zr</b> zirconium	92.91 <b>Nb</b> niobium	95.96 <b>Mo</b> molybdenum	[98] <b>Tc</b> technetium	101.1 <b>Ru</b> ruthenium	102.9 <b>Rh</b> rhodium	106.4 <b>Pd</b> palladium	107.9 <b>Ag</b> silver	112.4 <b>Cd</b> cadmium	114.8 <b>In</b> indium	118.7 <b>Sn</b> tin	121.8 <b>Sb</b> antimony	127.6 <b>Te</b> tellurium	126.9 <b>I</b> iodine	131.3 <b>Xe</b> xenon																	
55	56	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86																		
132.9 <b>Cs</b> caesium	137.3 <b>Ba</b> barium	178.5 <b>Hf</b> hafnium	180.9 <b>Ta</b> tantalum	183.8 <b>W</b> tungsten	186.2 <b>Re</b> rhenium	190.2 <b>Os</b> osmium	192.2 <b>Ir</b> iridium	195.1 <b>Pt</b> platinum	197.0 <b>Au</b> gold	200.6 <b>Hg</b> mercury	204.4 <b>Tl</b> thallium	207.2 <b>Pb</b> lead	209.0 <b>Bi</b> bismuth	[209] <b>Po</b> polonium	[210] <b>At</b> astatine	[222] <b>Rn</b> radon																		
87	88	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118																		
[223] <b>Fr</b> francium	[226] <b>Ra</b> radium	[267] <b>Rf</b> rutherfordium	[268] <b>Db</b> dubnium	[269] <b>Sg</b> seaborgium	[270] <b>Bh</b> bohrium	[269] <b>Hs</b> hassium	[278] <b>Mt</b> meitnerium	[281] <b>Ds</b> darmstadtium	[281] <b>Rg</b> roentgenium	[285] <b>Cn</b> copernicium	[286] <b>Uut</b> ununtrium	[289] <b>Fl</b> flerovium	[288] <b>Uup</b> ununpentium	[293] <b>Lv</b> livermorium	[294] <b>Uus</b> ununseptium	[294] <b>Uuo</b> ununoctium																		
																		57	58	59	60	61	62	63	64	65	66	67	68	69	70	71		
																		138.9 <b>La</b> lanthanum	140.1 <b>Ce</b> cerium	140.9 <b>Pr</b> praseodymium	144.2 <b>Nd</b> neodymium	[145] <b>Pm</b> promethium	150.4 <b>Sm</b> samarium	152.0 <b>Eu</b> europium	157.3 <b>Gd</b> gadolinium	158.9 <b>Tb</b> terbium	162.5 <b>Dy</b> dysprosium	164.9 <b>Ho</b> holmium	167.3 <b>Er</b> erbium	168.9 <b>Tm</b> thulium	173.1 <b>Yb</b> ytterbium	175.0 <b>Lu</b> lutetium		
																		89	90	91	92	93	94	95	96	97	98	99	100	101	102	103		
																		[227] <b>Ac</b> actinium	232.0 <b>Th</b> thorium	231.0 <b>Pa</b> protactinium	238.0 <b>U</b> uranium	[237] <b>Np</b> neptunium	[244] <b>Pu</b> plutonium	[243] <b>Am</b> americium	[247] <b>Cm</b> curium	[247] <b>Bk</b> berkelium	[251] <b>Cf</b> californium	[252] <b>Es</b> einsteinium	[257] <b>Fm</b> fermium	[258] <b>Md</b> mendelevium	[259] <b>No</b> nobelium	[262] <b>Lr</b> lawrencium		

NAME: \_\_\_\_\_

KLASSE: \_\_\_\_\_