Common Oxidation States

1 **H** 1 1.008																2 **He** 4.003
3 **Li** 1 6.941	4 **Be** 2 9.012											5 **B** 3 10.81	6 **C** 2 4 12.01	7 **N** −3 2 3 4 5 14.01	8 **O** −2 16.00	9 **F** −1 19.00	10 **Ne** 20.18
11 **Na** 1 22.99	12 **Mg** 2 24.30											13 **Al** 3 26.98	14 **Si** 4 28.09	15 **P** −3 3 4 5 30.97	16 **S** −2 2 4 6 32.06	17 **Cl** −1 1 3 5 7 35.45	18 **Ar** 39.95
19 **K** 1 39.10	20 **Ca** 2 40.08	21 **Sc** 3 44.96	22 **Ti** 4 47.87	23 **V** 3 5 50.94	24 **Cr** 2 3 6 52.00	25 **Mn** 2 3 4 6 7 54.94	26 **Fe** 2 3 55.84	27 **Co** 2 3 58.93	28 **Ni** 2 3 58.69	29 **Cu** 1 2 63.55	30 **Zn** 2 65.41	31 **Ga** 3 69.72	32 **Ge** 4 72.64	33 **As** −3 3 5 74.92	34 **Se** −2 2 4 6 78.96	35 **Br** −1 1 5 79.90	36 **Kr** 83.80
37 **Rb** 1 85.47	38 **Sr** 2 87.62	39 **Y** 3 88.91	40 **Zr** 4 91.22	41 **Nb** 3 5 92.91	42 **Mo** 2 3 4 5 6 95.94	43 **Tc** 7 97.91	44 **Ru** 2 3 4 6 8 101.1	45 **Rh** 2 3 4 102.9	46 **Pd** 2 4 106.4	47 **Ag** 1 107.9	48 **Cd** 2 112.4	49 **In** 3 114.8	50 **Sn** 2 4 118.7	51 **Sb** −3 3 5 121.8	52 **Te** −2 2 4 6 127.6	53 **I** −1 1 5 7 126.9	54 **Xe** 131.3
55 **Cs** 1 132.9	56 **Ba** 2 137.3	57 **La** 3 138.9	72 **Hf** 4 178.5	73 **Ta** 5 180.9	74 **W** 2 3 4 5 6 183.8	75 **Re** −1 2 4 6 7 186.2	76 **Os** 2 3 4 6 8 190.2	77 **Ir** 2 3 4 6 192.2	78 **Pt** 2 4 195.1	79 **Au** 1 3 197.0	80 **Hg** 1 2 200.6	81 **Tl** 1 3 204.4	82 **Pb** 2 4 207.2	83 **Bi** 3 5 209.0	84 **Po** 2 4 209.0	85 **At** −1 1 3 5 7 210.0	86 **Rn** 222.0
87 **Fr** 1 223.0	88 **Ra** 2 226.0	89 **Ac** 3 227.0	104 **Rf** [261]	105 **Db** [262]	106 **Sg** [266]	107 **Bh** [264]	108 **Hs** [277]	109 **Mt** [268]	110 **Ds** [271]	111 **Rg** [272]	112 **Cn** [285]	113 **Uut**	114 **Fl**	115 **Uup**	116 **Lv**	117 **Uus**	118 **Uuo**

58 **Ce** 3 4 140.1	59 **Pr** 3 4 140.9	60 **Nd** 3 144.2	61 **Pm** 3 144.9	62 **Sm** 2 3 150.4	63 **Eu** 2 3 152.0	64 **Gd** 3 157.2	65 **Tb** 3 4 158.9	66 **Dy** 3 162.5	67 **Ho** 3 164.9	68 **Er** 3 167.3	69 **Tm** 2 3 168.9	70 **Yb** 2 3 173.0	71 **Lu** 3 175.0
90 **Th** 4 232.0	91 **Pa** 4 5 231.0	92 **U** 3 4 5 6 238.0	93 **Np** 3 4 5 6 [237]	94 **Pu** 3 4 5 6 [244]	95 **Am** 3 4 5 6 [243]	96 **Cm** 3 [247]	97 **Bk** 3 4 [247]	98 **Cf** 3 [251]	99 **Es** 3 [252]	100 **Fm** 3 [257]	101 **Md** 2 3 [258]	102 **No** 2 3 [259]	103 **Lr** 3 [262]

atomic number
Symbol
common oxidation states
atomic mass $\mathrm{g\,mol^{-1}}$