

Periodická tabulka prvků

1 (I.A)																	18 (VIII.A)
1 Vodík Hydrogenium 1 H 1,008 1s ¹																	Helium Helium 2 He 4,0026 1s ²
2 (II.A)																	
2 Lithium Lithium 3 Li 6,94 [He]2s ²	Beryllium Beryllium 4 Be 9,0122 [He]2s ²																
3 (III.B)	4 (IV.B)	5 (V.B)	6 (VI.B)	7 (VII.B)	8 (VIII.B)	9 (VIII.B)	10 (VIII.B)	11 (I.B)	12 (II.B)	13 (III.A)	14 (IV.A)	15 (V.A)	16 (VI.A)	17 (VII.A)			
3 Sodík Natrium 11 Na 22,990 [Ne]3s ¹	4 Hořčík Magnesium 12 Mg 24,305 [Ne]3s ²																
4 (III.B)	4 (IV.B)	5 (V.B)	6 (VI.B)	7 (VII.B)	8 (VIII.B)	9 (VIII.B)	10 (VIII.B)	11 (I.B)	12 (II.B)	13 (III.A)	14 (IV.A)	15 (V.A)	16 (VI.A)	17 (VII.A)			
4 Draslík Kalium 19 K 39,098 [Ar]4s ¹	Vápník Calcium 20 Ca 40,078 [Ar]4s ²	Skandium Scandium 21 Sc 44,956 [Ar]3d ¹ 4s ²	Titan Titanium 22 Ti 47,867 [Ar]3d ² 4s ²	Vanad Vanadium 23 V 50,942 [Ar]3d ³ 4s ²	Chrom Chromium 24 Cr 51,996 [Ar]3d ⁵ 4s ¹	Mangan Manganium 25 Mn 54,938 [Ar]3d ⁵ 4s ²	Železo Ferrum 26 Fe 55,845 [Ar]3d ⁶ 4s ²	Kobalt Cobaltum 27 Co 58,933 [Ar]3d ⁷ 4s ²	Nikl Niccolum 28 Ni 58,693 [Ar]3d ⁸ 4s ²	Měď Cuprum 29 Cu 63,546 [Ar]3d ¹⁰ 4s ¹	Zinek Zincum 30 Zn 65,38 [Ar]3d ¹⁰ 4s ²	Gallium Gallium 31 Ga 69,723 [Ar]3d ¹⁰ 4s ² 4p ¹	Germanium Germanium 32 Ge 72,63 [Ar]3d ¹⁰ 4s ² 4p ²	Arsen Arsenicum 33 As 74,922 [Ar]3d ¹⁰ 4s ² 4p ³	Selen Selenium 34 Se 78,96 [Ar]3d ¹⁰ 4s ² 4p ⁴	Brom Bromum 35 Br 79,904 [Ar]3d ¹⁰ 4s ² 4p ⁵	Krypton Krypton 36 Kr 83,798 [Ar]3d ¹⁰ 4s ² 4p ⁶
5 (III.B)	4 (IV.B)	5 (V.B)	6 (VI.B)	7 (VII.B)	8 (VIII.B)	9 (VIII.B)	10 (VIII.B)	11 (I.B)	12 (II.B)	13 (III.A)	14 (IV.A)	15 (V.A)	16 (VI.A)	17 (VII.A)			
5 Rubidium Rubidium 37 Rb 85,468 [Kr]5s ¹	Stroncium Strontium 38 Sr 87,62 [Kr]5s ²	Yttrium Yttrium 39 Y 88,906 [Kr]4d ¹ 5s ²	Zirkonium Zirconium 40 Zr 91,224 [Kr]4d ² 5s ²	Niob Niobium 41 Nb 92,906 [Kr]4d ⁴ 5s ¹	Molybden Molybdenum 42 Mo 95,96 [Kr]4d ⁵ 5s ¹	Technecium Technetium 43 Tc (97) [Kr]4d ⁵ 5s ²	Ruthenium Ruthenium 44 Ru 101,07 [Kr]4d ⁷ 5s ¹	Rhodium Rhodium 45 Rh 102,91 [Kr]4d ⁸ 5s ¹	Palladium Palladium 46 Pd 106,42 [Kr]4d ¹⁰	Stříbro Argentum 47 Ag 107,87 [Kr]4d ¹⁰ 5s ¹	Kadmium Cadmium 48 Cd 112,41 [Kr]4d ¹⁰ 5s ²	Indium Indium 49 In 114,82 [Kr]4d ¹⁰ 5s ² 5p ¹	Cín Stannum 50 Sn 118,71 [Kr]4d ¹⁰ 5s ² 5p ²	Antimon Stibium 51 Sb 121,76 [Kr]4d ¹⁰ 5s ² 5p ³	Tellur Tellurium 52 Te 127,60 [Kr]4d ¹⁰ 5s ² 5p ⁴	Jod Iodum 53 I 126,90 [Kr]4d ¹⁰ 5s ² 5p ⁵	Xenon Xenon 54 Xe 131,29 [Kr]4d ¹⁰ 5s ² 5p ⁶
6 (III.B)	4 (IV.B)	5 (V.B)	6 (VI.B)	7 (VII.B)	8 (VIII.B)	9 (VIII.B)	10 (VIII.B)	11 (I.B)	12 (II.B)	13 (III.A)	14 (IV.A)	15 (V.A)	16 (VI.A)	17 (VII.A)			
6 Cesium Caesium 55 Cs 132,91 [Xe]6s ¹	Baryum Barium 56 Ba 137,33 [Xe]6s ²	Lanthanoidy 57-71	Hafnium Hafnium 72 Hf 178,49 [Xe]4f ¹⁴ 5d ² 6s ²	Tantal Tantalum 73 Ta 180,95 [Xe]4f ¹⁴ 5d ³ 6s ²	Wolfram Wolframium 74 W 183,84 [Xe]4f ¹⁴ 5d ⁴ 6s ²	Rhenium Rhenium 75 Re 186,21 [Xe]4f ¹⁴ 5d ⁵ 6s ²	Osmium Osmium 76 Os 190,23 [Xe]4f ¹⁴ 5d ⁶ 6s ²	Iridium Iridium 77 Ir 192,22 [Xe]4f ¹⁴ 5d ⁷ 6s ²	Platina Platinum 78 Pt 195,08 [Xe]4f ¹⁴ 5d ⁹ 6s ¹	Zlato Aurum 79 Au 196,97 [Xe]4f ¹⁴ 5d ¹⁰ 6s ¹	Rtut Hydrargyrum 80 Hg 200,59 [Xe]4f ¹⁴ 5d ¹⁰ 6s ²	Thallium Thallium 81 Tl 204,38 [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ¹	Olovo Plumbum 82 Pb 207,2 [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ²	Bismut Bismuth 83 Bi 208,98 [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ³	Polonium Polonium 84 Po (209) [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁴	Astat Astatium 85 At (210) [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁵	Radon Radon 86 Rn (222) [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁶
7 (III.B)	4 (IV.B)	5 (V.B)	6 (VI.B)	7 (VII.B)	8 (VIII.B)	9 (VIII.B)	10 (VIII.B)	11 (I.B)	12 (II.B)	13 (III.A)	14 (IV.A)	15 (V.A)	16 (VI.A)	17 (VII.A)			
7 Francium Francium 87 Fr (223) [Rn]7s ¹	Radium Radium 88 Ra (226) [Rn]7s ²	Aktinoidy 89-103	Rutherfordium Rutherfordium 104 Rf (261) [Rn]5f ¹⁴ 6d ² 7s ²	Dubnium Dubnium 105 Db (262) [Rn]5f ¹⁴ 6d ³ 7s ²	Seaborgium Seaborgium 106 Sg (266) [Rn]5f ¹⁴ 6d ⁴ 7s ²	Bohrium Bohrium 107 Bh (264) [Rn]5f ¹⁴ 6d ⁵ 7s ²	Hassium Hassium 108 Hs (277) [Rn]5f ¹⁴ 6d ⁶ 7s ²	Meitnerium Meitnerium 109 Mt (268) [Rn]5f ¹⁴ 6d ⁷ 7s ²	Darmstadtium Darmstadtium 110 Ds (271) [Rn]5f ¹⁴ 6d ⁸ 7s ²	Roentgenium Roentgenium 111 Rg (272) [Rn]5f ¹⁴ 6d ⁹ 7s ²	Kopernicium Copernicium 112 Cn (285) [Rn]5f ¹⁴ 6d ¹⁰ 7s ²	Nihonium Nihonium 113 Nh (286) [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ¹	Flerovium Flerovium 114 Fl (289) [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ²	Moscovium Moscovium 115 Mc (289) [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ³	Livermorium Livermorium 116 Lv (293) [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁴	Tennessium Tennesse 117 Ts (294) [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁵	Oganesson Oganesson 118 Og (294) [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁶

Český název → Sodík
Latinský název → Natrium
Protonové číslo → 11
Elektronová konfigurace → [Ne]3s¹

Elektronegativita (podle Paulinga) → 0,93
Symbol → Na
Relativní atomová hmotnost → 22,990

Vořík
Alkalické kovy
Kovy alkalických zemin
Kovy

Polokovy
Nekovy
Vzácné plyny

Plyny Kapaliny Pevné látky

Lanthan Lanthanum 57 La 138,91 [Xe]5d ¹ 6s ²	Cer Cerium 58 Ce 140,12 [Xe]4f ¹ 5d ¹ 6s ²	Praseodym Praseodymium 59 Pr 140,91 [Xe]4f ³ 6s ²	Neodym Neodymium 60 Nd 144,24 [Xe]4f ⁴ 6s ²	Promethium Promethium 61 Pm (145) [Xe]4f ⁵ 6s ²	Samarium Samarium 62 Sm 150,36 [Xe]4f ⁶ 6s ²	Europium Europium 63 Eu 151,96 [Xe]4f ⁷ 6s ²	Gadolinium Gadolinium 64 Gd 157,25 [Xe]4f ⁷ 5d ¹ 6s ²	Terbium Terbium 65 Tb 158,93 [Xe]4f ⁹ 6s ²	Dysprosium Dysprosium 66 Dy 162,50 [Xe]4f ¹⁰ 6s ²	Holmium Holmium 67 Ho 164,93 [Xe]4f ¹¹ 6s ²	Erbium Erbium 68 Er 167,26 [Xe]4f ¹² 6s ²	Thulium Thulium 69 Tm 168,93 [Xe]4f ¹³ 6s ²	Ytterbium Ytterbium 70 Yb 173,05 [Xe]4f ¹⁴ 6s ²	Lutecium Lutetium 71 Lu 174,97 [Xe]4f ¹⁴ 5d ¹ 6s ²
Aktinium Actinium 89 Ac (227) [Rn]6d ¹ 7s ²	Thorium Thorium 90 Th 232,04 [Rn]6d ² 7s ²	Protaktinium Protactinium 91 Pa 231,04 [Rn]5f ² 6d ¹ 7s ²	Uran Uranium 92 U 238,03 [Rn]5f ³ 6d ¹ 7s ²	Neptunium Neptunium 93 Np (237) [Rn]5f ⁴ 6d ¹ 7s ²	Plutonium Plutonium 94 Pu (244) [Rn]5f ⁶ 7s ²	Americium Americium 95 Am (243) [Rn]5f ⁷ 7s ²	Curium Curium 96 Cm (247) [Rn]5f ⁸ 7s ²	Berkelium Berkelium 97 Bk (247) [Rn]5f ⁹ 7s ²	Kalifornium Californium 98 Cf (251) [Rn]5f ¹⁰ 7s ²	Einsteinium Einsteinium 99 Es (252) [Rn]5f ¹¹ 7s ²	Fermium Fermium 100 Fm (257) [Rn]5f ¹² 7s ²	Mendelevium Mendelevium 101 Md (258) [Rn]5f ¹³ 7s ²	Nobelium Nobelium 102 No (259) [Rn]5f ¹⁴ 7s ²	Lawrencium Lawrencium 103 Lr (262) [Rn]5f ¹⁴ 7s ² 7d ¹

Vnitřně přechodné prvky