

PERIODICKÁ SOUSTAVA PRVKŮ

	ns		(n - 2)f		(n - 1)d													
a	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
b	I. A	II. A	III. A	IV. A	V. A	VI. A	VII. A	VIII. A			I. B	II. B	III. B	IV. B	V. B	VI. B	VII. B	VIII. B
c	I. A	II. A	III. B	IV. B	V. B	VI. B	VII. B	VIII.			I. B	II. B	III. A	IV. A	V. A	VI. A	VII. A	VIII. A

1	1,008 1 VODÍK Hydrogenium -I, I	2,15 2 BERYLLIUM Beryllium II																4,0 2 HELIUM Helium
2	6,94 3 LITHIUM Lithium I	9,01 4 BERYLLIUM Beryllium II																20,18 10 NEON Neon
3	22,99 11 SODÍK Natrium I	24,31 12 HOŘČÍK Magnesium II																39,95 18 ARGON Argon
4	39,10 19 K Kalium I	40,08 20 VÁPŇÍK Calcium II	44,96 21 SKANDIUM Scandium III	47,88 22 TITAN Titanium II, III, IV	50,94 23 VANAD Vanadium II, III, IV, V	52,00 24 CHROM Chromium II, III, IV, VI	54,94 25 MANGAN Manganum II, III, IV, VI, VII	55,85 26 ŽELEZO Ferrum II, III, VI	58,93 27 KOBALT Cobaltum II, III	58,70 28 NIKEL Niccolum II, III, IV	63,55 29 MĚD Cuprum I, II, (III)	65,38 30 ZINEK Zincum II	69,72 31 GALLIUM Gallium I, III	72,59 32 GERMANIUM Germanium -IV, II, IV	74,92 33 ARZEN Arsenicum -III, III, V	78,96 34 SELEN Selenium -II, IV, VI	79,90 35 BROM Bromum -I, I, III, IV, V, VI, VII	83,80 36 KRYPTON Krypton
5	85,47 37 RUBIDIUM Rubidium I	87,62 38 STRONCIUM Strontium II	88,91 39 YTTRIUM Yttrium III	91,22 40 ZIRKONIUM Zirconium IV	92,91 41 NIOB Niobium III, IV, V	95,94 42 MOLYBDEN Molybdaenum II, III, IV, V, VI	(97) 43 TECHNECIUM Technetium ⦿ IV, VI, VII	101,07 44 RUTHENIUM Ruthenium II, III, IV, V, VI, VII, VIII	102,91 45 RHODIUM Rhodium I, II, III, IV	106,42 46 PALLADIUM Palladium II, IV	107,87 47 STRĚBRO Argentum I, II, III	112,41 48 KADMIUM Cadmium II	114,82 49 INDIUM Indium I, III	118,69 50 CÍN Stannum -IV, II, IV	121,75 51 ANTIMON Stibium -III, III, IV, V	127,60 52 TELLUR Tellurium -II, IV, VI	126,90 53 JOD Iodum -I, I, III, V, VII	131,30 54 XENON Xenon
6	132,91 55 CESIUM Caesium I	137,34 56 BARYUM Barium II	138,91 57 LANTHAN Lanthanum III	178,49 72 HAFNIUM Hafnium IV	180,95 73 TANTAL Tantalum V	183,85 74 WOLFRAM Wolframium II, III, IV, V, VI	186,21 75 RHENIUM Rhenium III, IV, V, VI, VII	190,20 76 OSMIUM Osmium II, III, IV, V, VI, VII, VIII	192,22 77 IRIDIUM Iridium I, II, III, IV	195,08 78 PLATINA Platinum II, IV	196,97 79 ZLATO Aurum I, III	200,59 80 RTUŤ Hydrargyrum I, II	204,37 81 THALLIUM Thallium I, III	207,20 82 OLOVO Plumbum II, IV	208,98 83 BISMUT Bismuthum III, V	(209) 84 POLONIUM Polonium ⦿ -II, II, IV, VI	(210) 85 ASTAT Astatium ⦿ -I, I, III, V, VII	(222) 86 RADON Radon ⦿
7	(223) 87 FRANCIUM Francium ⦿ I	226,03 88 RADIUM Radium ⦿ II	227,03 89 AKTINIUM Actinium ⦿ III	(261) 104 Rf Rutherfordium ⦿	(262) 105 Db Dubnium ⦿	(263) 106 Sg Seaborgium ⦿	(264) 107 Bh Bohrium ⦿	(265) 108 Hs Hassium ⦿	(266) 109 Mt Meitnerium ⦿	(271) 110 Ds Darmstadtium ⦿	(272) 111 Rg Roentgenium ⦿	(285) 112 Cn KOPERNICIUM Copernicium ⦿	(286) 113 Nh NIHONIUM Nihonium ⦿	(289) 114 Fl FLEROVIUM Flerovium ⦿	(289) 115 Mc MOSKOVIIUM Moscovium ⦿	(293) 116 Lv LIVERMORIUM Livermorium ⦿	(294) 117 Ts TENNESSINE Tennessee ⦿	(294) 118 Og OGANESSON Oganesson ⦿

- alkalické kovy
- kovy alkalických zemin
- triada železa
- platinové kovy
- chalkogeny
- halogeny
- vzácné plyny

140,12 58 Ce CER Cerium III, IV	140,91 59 Pr PRASEODYM Praseodymium III, IV	144,24 60 Nd NEODYM Neodymium III	(145) 61 Pm PROMETHIUM Promethium ⦿ III	150,4 62 Sm SAMARIUM Samarium II, III	151,96 63 Eu EUROPIUM Europium II, III	157,25 64 Gd GADOLINIUM Gadolinium III	158,93 65 Tb TERBIUM Terbium III, IV	162,50 66 Dy DYSPROSIUM Dysprosium III	164,93 67 Ho HOLMIUM Holmium III	167,26 68 Er ERBIUM Erbium III	168,93 69 Tm THULIUM Thulium II, III	173,04 70 Yb YTTERBIUM Ytterbium III	174,97 71 Lu LUTECIUM Lutetium III
232,04 90 Th THORIUM Thorium ⦿ III, IV	231,04 91 Pa PROTAKTINIUM Protactinium ⦿ IV, V	238,03 92 U URAN Uranium ⦿ III, IV, V, VI	237,05 93 Np NEPTUNIUM Neptunium ⦿ III, IV, VI, VII	239,05 94 Pu PLUTONIUM Plutonium ⦿ III, IV, VI	241,06 95 Am AMERICIUM Americium ⦿ III, IV	244,06 96 Cm CURIUM Curium ⦿ III	249,08 97 Bk BERKELIUM Berkelium ⦿ III	252,08 98 Cf KALIFORNIUM Kalifornium ⦿ III	253,09 99 Es EINSTEINIUM Einsteinium ⦿	257,10 100 Fm FERMIUM Fermium ⦿	256,09 101 Md MENDELEVIUM Mendelevium ⦿	255,09 102 No NOBELIUM Nobelium ⦿	256,10 103 Lr LAWRENCIUM Lawrentium ⦿

skupenství
prvku
(při 20 °C)
pevné
kapalné
plynné