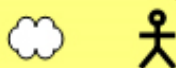
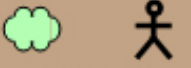


1,008 0,09  H Vodík 1 $1s^1$	4,003 0,178  He Helium 2 $1s^2$	6,94 535  Li Lithium 3 $[\text{He}]2s^1$	9,012 1848  Be Beryllium 4 $[\text{He}]2s^2$
10,81 2460  B Bor 5 $[\text{He}]2s^2 2p^1$	12,011 2260  C Uhlík 6 $[\text{He}]2s^2 2p^2$	14,007 1,251  N Dusík 7 $[\text{He}]2s^2 2p^3$	15,999 1,429  O Kyslík 8 $[\text{He}]2s^2 2p^4$
18,998 1,696  F Fluor 9 $[\text{He}]2s^2 2p^5$	20,18 0,9  Ne Neon 10 $[\text{He}]2s^2 2p^6$	22,99 968  Na Sodík 11 $[\text{Ne}]3s^1$	24,305 1738  Mg Hořčík 12 $[\text{Ne}]3s^2$
26,982 2700  Al Hliník 13 $[\text{Ne}]3s^2 3p^1$	28,085 2330  Si Křemík 14 $[\text{Ne}]3s^2 3p^2$	30,974 1823  P Fosfor 15 $[\text{Ne}]3s^2 3p^3$	32,06 1960  S Síra 16 $[\text{Ne}]3s^2 3p^4$
35,45 3,214  Cl Chlor 17 $[\text{Ne}]3s^2 3p^5$	39,948 1,784  Ar Argon 18 $[\text{Ne}]3s^2 3p^6$	39,098 856  K Draslík 19 $[\text{Ar}]4s^1$	40,078 1550  Ca Vápník 20 $[\text{Ar}]4s^2$

44,956 2985  Sc Skandium 21 $[\text{Ar}]4s^2 3d^1$	47,867 4507  Ti Titan 22 $[\text{Ar}]4s^2 3d^2$	50,942 6110  V Vanad 23 $[\text{Ar}]4s^2 3d^3$	51,996 7190  Cr Chrom 24 $[\text{Ar}]4s^1 3d^5$
54,938 7470  Mn Mangan 25 $[\text{Ar}]4s^2 3d^5$	55,845 7874    Fe Železo 26 $[\text{Ar}]4s^2 3d^6$	58,933 8900   Co Kobalt 27 $[\text{Ar}]4s^2 3d^7$	58,693 8908   Ni Nikl 28 $[\text{Ar}]4s^2 3d^8$
63,546 8960  Cu Měď 29 $[\text{Ar}]4s^1 3d^{10}$	65,38 7140  Zn Zinek 30 $[\text{Ar}]4s^2 3d^{10}$	69,723 5904  Ga Gallium 31 $[\text{Ar}]4s^2 3d^{10} 4p^1$	72,63 5323  Ge Germanium 32 $[\text{Ar}]4s^2 3d^{10} 4p^2$
74,922 5727  As Arsen 33 $[\text{Ar}]4s^2 3d^{10} 4p^3$	78,971 4819  Se Selen 34 $[\text{Ar}]4s^2 3d^{10} 4p^4$	79,904 3120  Br Brom 35 $[\text{Ar}]4s^2 3d^{10} 4p^5$	83,798 3,75  Kr Krypton 36 $[\text{Ar}]4s^2 3d^{10} 4p^6$
85,468 1532  Rb Rubidium 37 $[\text{Kr}]5s^1$	87,62 2630  Sr Stroncium 38 $[\text{Kr}]5s^2$	88,906 4472  Y Yttrium 39 $[\text{Kr}]5s^2 4d^1$	91,224 6511  Zr Zirkonium 40 $[\text{Kr}]5s^2 4d^2$

92,906 8570  Nb Niob 41 [Kr]5s¹4d⁴	95,95 10280  Mo Molybden 42 [Kr]5s¹4d⁵	97 11500    Tc Technecium 43 [Kr]5s²4d⁵	101,07 12370   Ru Ruthenium 44 [Kr]5s¹4d⁷
102,906 12450   Rh Rhodium 45 [Kr]5s¹4d⁸	106,42 12023   Pd Palladium 46 [Kr]4d¹⁰	107,868 10490   Ag Stříbro 47 [Kr]5s¹4d¹⁰	112,414 8650  Cd Kadmium 48 [Kr]5s²4d¹⁰
114,818 7310  In Indium 49 [Kr]5s²4d¹⁰5p¹	118,71 7310  Sn Cín 50 [Kr]5s²4d¹⁰5p²	121,76 6697  Sb Antimon 51 [Kr]5s²4d¹⁰5p³	127,6 6240  Te Tellur 52 [Kr]5s²4d¹⁰5p⁴
126,904 4940  I Jod 53 [Kr]5s²4d¹⁰5p⁵	131,293 5,9  Xe Xenon 54 [Kr]5s²4d¹⁰5p⁶	132,905 1879  Cs Cesium 55 [Xe]6s¹	137,327 3510  Ba Baryum 56 [Xe]6s²
	178,49 13310  Hf Hafnium 72 [Xe]6s²4f¹⁴5d²	180,948 16650  Ta Tantal 73 [Xe]6s²4f¹⁴5d³	183,84 19250  W Wolfram 74 [Xe]6s²4f¹⁴5d⁴

186,207 21020  Re Rhenium 75 $[\text{Xe}]6s^2 4f^{14} 5d^5$	190,23 22590   Os Osmium 76 $[\text{Xe}]6s^2 4f^{14} 5d^6$	192,217 22560   Ir Iridium 77 $[\text{Xe}]6s^2 4f^{14} 5d^7$	195,084 21450   Pt Platina 78 $[\text{Xe}]6s^1 4f^{14} 5d^9$
196,967 19300   Au Zlato 79 $[\text{Xe}]6s^1 4f^{14} 5d^{10}$	200,592 13534  Hg Rtuť 80 $[\text{Xe}]6s^2 4f^{14} 5d^{10}$	204,38 11850  Tl Thalium 81 $[\text{Xe}]6s^2 4f^{14} 5d^{10} 6p^1$	207,2 11340  Pb Olovo 82 $[\text{Xe}]6s^2 4f^{14} 5d^{10} 6p^2$
208,98 9780  Bi Bismut 83 $[\text{Xe}]6s^2 4f^{14} 5d^{10} 6p^3$	209 9196    Po Polonium 84 $[\text{Xe}]6s^2 4f^{14} 5d^{10} 6p^4$	210    At Astat 85 $[\text{Xe}]6s^2 4f^{14} 5d^{10} 6p^5$	222 9,73   Rn Radon 86 $[\text{Xe}]6s^2 4f^{14} 5d^{10} 6p^6$
223    Fr Francium 87 $[\text{Rn}]7s^1$	226 5000    Ra Radium 88 $[\text{Rn}]7s^2$		267    Rf Rutherfordium 104 $[\text{Rn}]7s^2 5f^{14} 6d^2$
270    Db Dubnium 105 $[\text{Rn}]7s^2 5f^{14} 6d^3$	269    Sg Seaborgium 106 $[\text{Rn}]7s^2 5f^{14} 6d^4$	270    Bh Bohrium 107 $[\text{Rn}]7s^2 5f^{14} 6d^5$	270    Hs Hassium 108 $[\text{Rn}]7s^2 5f^{14} 6d^6$

278    Mt Meitnerium 109 $[Rn]7s^2 5f^{14} 6d^7$	281    Ds Darmstadtium 110 $[Rn]7s^1 5f^{14} 6d^9$	281    Rg Roentgenium 111 $[Rn]7s^1 5f^{14} 6d^{10}$	285    Cn Kopernicium 112 $[Rn]7s^2 5f^{14} 6d^{10}$
286    Nh Nihonium 113 $[Rn]7s^2 5f^{14} 6d^{10} 7p^1$	289    Fl Flerovium 114 $[Rn]7s^2 5f^{14} 6d^{10} 7p^2$	289    Mc Moskovium 115 $[Rn]7s^2 5f^{14} 6d^{10} 7p^3$	293    Lv Livermorium 116 $[Rn]7s^2 5f^{14} 6d^{10} 7p^4$
293    Ts Tennessin 117 $[Rn]7s^2 5f^{14} 6d^{10} 7p^5$	294    Og Oganesson 118 $[Rn]7s^2 5f^{14} 6d^{10} 7p^6$	138,905 6146  La Lanthan 57 $[Xe]6s^2 5d^1$	140,116 6689  Ce Cer 58 $[Xe]6s^2 4f^1 5d^1$
140,908 6640  Pr Praseodym 59 $[Xe]6s^2 4f^3$	144,242 7010  Nd Neodym 60 $[Xe]6s^2 4f^4$	145 7264    Pm Promethium 61 $[Xe]6s^2 4f^5$	150,36 7353  Sm Samarium 62 $[Xe]6s^2 4f^6$
151,964 5244  Eu Europium 63 $[Xe]6s^2 4f^7$	157,25 7901  Gd Gadolinium 64 $[Xe]6s^2 4f^7 5d^1$	158,925 8219  Tb Terbium 65 $[Xe]6s^2 4f^9$	162,5 8551  Dy Dysprosium 66 $[Xe]6s^2 4f^{10}$

164,93 8795  Ho Holmium 67 [Xe]6s ² 4f ¹¹	167,259 9066  Er Erbium 68 [Xe]6s ² 4f ¹²	168,934 9320  Tm Thulium 69 [Xe]6s ² 4f ¹³	173,045 6570  Yb Ytterbium 70 [Xe]6s ² 4f ¹⁴
174,967 9841  Lu Lutecium 71 [Xe]6s ² 4f ¹⁴ 5d ¹	227 10070    Ac Aktinium 89 [Rn]7s ² 6d ¹	232,038 11724   Th Thorium 90 [Rn]7s ² 6d ²	231,036 15370    Pa Protaktinium 91 [Rn]7s ² 5f ² 6d ¹
238,029 19050   U Uran 92 [Rn]7s ² 5f ³ 6d ¹	237 20450    Np Neptunium 93 [Rn]7s ² 5f ⁴ 6d ¹	244 19816    Pu Plutonium 94 [Rn]7s ² 5f ⁶	243 13670    Am Americium 95 [Rn]7s ² 5f ⁷
247 13510    Cm Curium 96 [Rn]7s ² 5f ⁷ 6d ¹	247 14780    Bk Barkelium 97 [Rn]7s ² 5f ⁹	251 15100    Cf Kalifornium 98 [Rn]7s ² 5f ¹⁰	252    Es Einsteinium 99 [Rn]7s ² 5f ¹¹
257    Fm Fermium 100 [Rn]7s ² 5f ¹²	258    Md Mendelevium 101 [Rn]7s ² 5f ¹³	259    No Nobelium 102 [Rn]7s ² 5f ¹⁴	262    Lr Lawrencium 103 [Rn]7s ² 5f ¹⁴ 7p ¹