KEMILEKTIONER

PERIODISKA SYSTEMET

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	1 H Väte 1,008																	2 He Helium 4,003
2	3 Li Litium 6,941	4 Be Beryllium 9,012											5 B Bor 10,81	6 C Kol 12,01	7 N Kväve 14,01	8 O Syre 16,00	9 F Fluor 19,00	10 Ne Neon 20,18
3	11 Na Natrium 22,99	12 Mg Magnesium 24,31											13 Al Aluminium 26,98	14 Si Kisel 28,09	15 P Fosfor 30,97	16 S Svavel 32,06	17 Cl Klor 35,45	18 Ar Argon 39,95
4	19 K Kalium 39,10	20 Ca Kalcium 40,08	21 Sc Skandium 44,96	22 Ti Titan 47,87	23 V Vanadin 50,94	24 Cr Krom 52,00	25 Mn Mangan 54,94	26 Fe Järn 55,85	27 Co Kobolt 58,93	28 Ni Nickel 58,69	29 Cu Koppar 63,55	30 Zn Zink 65,38	31 Ga Gallium 69,72	32 Ge Germanium 72,63	33 As Arsenik 74,92	34 Se Selen 78,97	35 Br Brom 79,90	36 Kr Krypton 83,80
5	37 Rb Rubidium 85,47	38 Sr Strontium 87,62	39 Y Yttrium 88,91	40 Zr Zirkonium 91,22	41 Nb Niob 92,91	42 Mo Molybden 95,95	43 Tc Teknetium (98)	44 Ru Rutenium 101,1	45 Rh Rodium 102,9	46 Pd Palladium 106,4	47 Ag Silver 107,9	48 Cd Kadmium 112,4	49 In Indium 114,8	50 Sn Tenn 118,7	51 Sb Antimon 124,8	52 Te Tellur 127,6	53 I Jod 126,9	54 Xe Xenon 131,3
6	55 Cs Cesium 132,9	56 Ba Barium 137,3	57-71 Lanta-nider	72 Hf Hafnium 178,5	73 Ta Tantal 180,9	74 W Wolfram 183,8	75 Re Rhenium 186,2	76 Os Osmium 190,2	77 Ir Iridium 192,2	78 Pt Platina 195,1	79 Au Guld 197,0	80 Hg Kvicksilver 200,6	81 Tl Tallium 204,4	82 Pb Bly 207,2	83 Bi Vismut 209,0	84 Po Polonium 210,0	85 At Astat 210,0	86 Rn Radon 222,0
7	87 Fr Francium 223,0	88 Ra Radium 226,0	89-103 Akti-nider	104 Rf Rutherfordium (267)	105 Db Dubnium (268)	106 Sg Seaborgium (269)	107 Bh Bohrium (270)	108 Hs Hassium (277)	109 Mt Meitnerium (278)	110 Ds Darmstadtium (281)	111 Rg Röntgenium (282)	112 Cn Copernicium (285)	113 Nh Nihonium (286)	114 Fl Flerovium (289)	115 Mc Moscovium (290)	116 Lv Livermorium (293)	117 Ts Tennes (294)	118 Og Oganesson (294)

Atomnummer

43 Au Guld 197,0

Elektronkonfiguration

Atommassa

= Metaller
= Halvmetaller
= Ickemetaller
= Syntetiska

He = Gas (20°C)
Hg = Flytande (20°C)
Pb = Fast (20°C)

Lantan 57 La 138,9	Cerium 58 Ce 140,1	Praseodym 59 Pr 140,9	Neodym 60 Nd 144,2	Prometium 61 Pm (145)	Samarium 62 Sm 150,4	Europium 63 Eu 152,0	Gadolinium 64 Gd 157,3	Terbium 65 Tb 158,9	Dysprosium 66 Dy 162,5	Holmium 67 Ho 164,9	Erbium 68 Er 167,3	Tulium 69 Tm 168,9	Ytterbium 70 Yb 173,0	Lutetium 71 Lu 175,0
Aktinium 89 Ac 227,0	Torium 90 Th 232,0	Protaktinium 91 Pa 231,0	Uran 92 U 238,0	Neptunium 93 Np (237)	Plutonium 94 Pu (244)	Americium 95 Am (243)	Curium 96 Cm (247)	Berkelium 97 Bk (247)	Californium 98 Cf (251)	Einsteinium 99 Es (252)	Fermium 100 Fm (257)	Mendelevium 101 Md (258)	Nobelium 102 No (259)	Lawrencium 103 Lr (262)

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