Periodic Table of the Elements

		Z	mass														40 1/1114
1 IA		Sym	ıbol	Alkaline earth n	netal												18 VIIIA
1.00794		Nar															2 4.002602
Н																	He
drogen	2 IIA	mas	_ _									13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	Helium
6.941	4 9.012182	ma	de -	Ü								5 10.811	6 12.0107	7 14.0067	8 15.9994	9 18.9984032	10 20.1797
Li	Be			· ·	rtinoids							В	С	N	0	F	Ne
thium	Beryllium			zanthanolas/ / K	inioids.							Boron	Carbon	Nitrogen	Oxygen	Fluorine	Neon
22.98977	12 24.305											13 26.981538	14 28.0855	15 30.973761	16 32.065	17 35.453	18 39.948
Va	Mg											ΑI	Si	Р	S	CI	Ar
odium	Magnesium	3 IIIA	4 IVB	5 VB	6 VIB	7 VIIB	8 VIIIB	9 VIIIB	10 VIIIB	11 IB	12 IIB	Aluminum	Silicon	Phosphorus	Sulfur	Chlorine	Argon
39.0983	20 40.078	21 44.95591	22 47.867	23 50.9415	24 51.9961	25 54.938049	26 55.845	27 58.9332	28 58.6934	29 63.546	30 65.409	31 69.723	32 72.64	33 74.9216	34 78.96	35 79.904	36 83.798
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Со	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
assium	Calcium	Scandium	Titanium	Vanadium	Chromium	Manganese	Iron	Cobalt	Nickel	Copper	Zinc	Gallium	Germanium	Arsenic	Selenium	Bromine	Krypton
85.4678	38 87.62	39 88.90585	40 91.224	41 92.90638	42 95.94	43 98	44 101.07	45 102.9055	46 106.42	47 107.8682	48 112.411	49 114.818	50 118.71	51 121.76	52 127.6	53 126.90447	54 131.293
Rb	Sr	Υ	Zr	Nb	Мо	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	- 1	Xe
bidium	Strontium	Yttrium	Zirconium	Niobium	Molybdenum	Technetium	Ruthenium	Rhodium	Palladium	Silver	Cadmium	Indium	Tin	Antimony	Tellurium	lodine	Xenon
32.90545	56 137.327	57-71	72 178.49	73 180.9479	74 183.84	75 186.207	76 190.23	77 192.217	78 195.078	79 196.96655	80 200.59	81 204.3833	82 207.2	83 208.98038	84 209	85 210	86 222
Cs	Ba		Hf	Та	W	Re	Os	lr	Pt	Au	Hg	TI	Pb	Bi	Po	At	Rn
esium	Barium	lanthanoids	Hafnium	Tantalum	Tungsten	Rhenium	Osmium	Iridium	Platinum	Gold	Mercury	Thallium	Lead	Bismuth	Polonium	Astatine	Radon
223	88 226	89-103	104 261	105 262	106 266	107 264	108 277	109 268	110 281	111 272	112 NA	113 NA	114 NA	115 NA	116 NA	117 NA	118 NA
Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cm	Nh	FI	Mc	Lv	Ts	Og
incium	Radium	actinoids	Rutherfordium	Dubnium	Seaborgium	Bohrium	Hassium	Meitnerium	Darmstadtium	Roentgenium	Copernicium	Nihonium	Flerovium	Moscovium	Livermorium	Tennessine	Oganesson
		``	57 138.9055	58 140.116	59 140.90765	60 144.24	61 145	62 150.36	63 151.964	64 157.25	65 158.92534	66 162.5	67 164.93032	68 167,259	69 168.93421	70 173.04	71 174.967
			La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
			Lanthanum	Cerium	Praseodymium	Neodymium	Promethium	Samarium	Europium	Gadolinium	Terbium	Dysprosium	Holmium	Erbium	Thulium	Ytterbium	Lutetium
			89 227	90 232.0381	91 231.03588	92 238.02891	93 237	94 244	95 243	96 247	97 247	98 251	99 252	100 257	101 258	102 259	103 262
			Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
			Actinium	Thorium	Protactinium	Uranium	Neptunium	Plutonium	Americium	Curium	Berkelium	Californium	Einsteinium	Fermium	Mendelevium	Nobelium	Lawrencium
	1.00794 H Irogen 6.941 Li hium 22.98977 Na dium 39.0983 K eassium 85.4678 Rb eidium 32.90545 Cs sium 223	1.00794 H Irogen 2 IIA 6.941 4 9.012182 Be hium Beryllium 22.98977 12 24.305 Mg dium Magnesium 39.0983 20 40.078 K Ca cassium Calcium 85.4678 38 87.62 Rb Sr sidium Strontium 32.90545 56 137.327 Ba sium Barium 223 88 226 R®	Symma	1.00794	1,00794	Symbol Metal Metalloid Metalloid	Name	Name	Name	1,00704	Symbol Name Metalloid Metalloid	Name	100744 Hr 100260 2 11A 1	Note Note	Symbol	Symbol	