hydrogen									155	1000 1000 1000 1000 1000 1000 1000 100	61007a	1000	51.TX	198	8.50	100	51-5	helium
1																		2
H																		He
1.0079																		4.0026
lithium 3	beryllium <b>4</b>												boron 5	carbon 6	nitrogen <b>7</b>	oxygen 8	fluorine <b>9</b>	neon 10
L	D.													0	ŇI.	2.23	200	2000
	Be												В	C	N	0	F	Ne
6.941	9.0122												10.811	12.011	14.007	15.999	18.998	20.180
sodium 11	magnesium 12												aluminium 13	silicon 14	phosphorus 15	sulfur 16	chlorine 17	argon 18
100	1600000													10000	1697667	200	1866	
Na	Mg												ΑI	Si	Р	S	CI	Ar
22.990	24.305 calcium			414 m is som				I manage		ni ale I		n in a	26.982	28.086	30.974	32.065 selenium	35.453	39.948
potassium 19	20		scandium 21	titanium <b>22</b>	vanadium 23	chromium 24	manganese 25	1ron <b>26</b>	cobalt 27	nickel 28	copper 29	zinc 30	gallium 31	germanium 32	arsenic 33	34	bromine 35	krypton 36
															_			
K	Ca		Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
39.098	40.078		44.956	47.867	50.942	51.996	54.938	55.845	58.933	58.693	63.546	65.39	69.723	72.61	74.922	78.96	79.904	83.80
rubidium 37	strontium 38		yttrium 39	zirconium 40	niobium 41	molybdenum 42	technetium 43	ruthenium 44	rhodium 45	palladium 46	silver 47	cadmium 48	indium 49	tin <b>50</b>	antimony <b>51</b>	tellurium <b>52</b>	iodine 53	xenon <b>54</b>
1 1 E-1-20	3-55335						1 20 1127			2007/2007/00/00	_	3 EEE 11 11 11 11 11 11 11 11 11 11 11 11		100000000000000000000000000000000000000	95000000000	655	33	
Rb	Sr		Υ	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te		Xe
85.468	87.62		88.906	91.224	92.906	95.94	[98]	101.07	102.91	106.42	107.87	112.41	114.82	118.71	121.76	127.60	126.90	131.29
caesium 55	barium <b>56</b>	57-70	lutetium <b>71</b>	hafnium <b>72</b>	tantalum <b>73</b>	tungsten 74	rhenium 75	osmium <b>76</b>	iridium 77	platinum <b>78</b>	gold <b>79</b>	mercury 80	thallium 81	lead 82	bismuth 83	polonium 84	astatine <b>85</b>	radon 86
	100			3000046			1.00	_				1000000		- 100 E		2000		3000000
Cs	Ba	*	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	ΤI	Pb	Bi	Po	At	Rn
132.91	137.33		174.97	178.49	180.95	183.84	186.21	190.23	192.22	195.08	196.97	200.59	204.38	207.2	208.98	[209]	[210]	[222]
francium	radium 88	89-102	lawrencium	rutherfordium 104	dubnium 105	seaborgium	bohrium 107	hassium	meitnerium 109	ununnilium 110	unununium 111	ununbium 112		ununquadium 114				
87			103	5555050		106	300000000	108		1808869				3505050				
Fr	Ra	* *	Lr	Rf	Db	Sg	Bh	Hs	Mt	Uun	Uuu	Uub		Uuq				
[223]	[226]		[262]	[261]	[262]	[266]	[264]	[269]	[268]	[271]	[272]	[277]		[289]				

\*Lanthanide series

\* \* Actinide series

	lanthanum <b>57</b>	cerium 58	praseodymium <b>59</b>	neodymium <b>60</b>	promethium <b>61</b>	samarium <b>62</b>	europium 63	gadolinium <b>64</b>	terbium <b>65</b>	dysprosium <b>66</b>	holmium 67	erbium 68	thulium <b>69</b>	ytterbium <b>70</b>
2	La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Но	Er	Tm	Yb
	138.91	140.12	140.91	144.24	[145]	150.36	151.96	157.25	158.93	162.50	164.93	167.26	168.93	173.04
- 1	actinium	thorium	protactinium	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	neptunium	plutonium	americium	curium	berkelium	californium	einsteinium	fermium	mendelevium	nobelium
	89	90	91	92	93	94	95	96	97	98	99	100	101	102
	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No
-	[227]	232.04	231.04	238.03	[237]	[244]	[243]	[247]	[247]	[251]	[252]	[257]	[258]	[259]