	1 IA																	18 VIIIA
	1 1.0079			/ N	4 l - l .	/ . \ Г		T-1-1-	-CC-	!1								2 4.0025
1	H Hydrogen	2 IIA		<u>(n</u>	/lendele	eev s) i	erioaid	rabie	or Cne	emicai	Eiemen	its	13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	He Helium
	3 6.941	4 9.0122											5 10.811	6 12.011	7 14.007	8 15.999	9 18.998	10 20.180
2	Li Lithium	Be Beryllium											Boron	C Carbon	N Nitrogen	O Oxygen	Flourine	Ne Neon
	11 22.990	12 24.305											13 26.982	14 28.086	15 30.974	16 32.065	17 35.453	18 39.948
3	Na	Mg											AI	Si	Р	S	CI	Ar
	Sodium	Magnesium	3 IIIA	4 IVB	5 VB	6 VIB	7 VIIB	8 VIIIB	9 VIIIB	10 VIIIB	11 IB	12 IIB	Aluminium	Silicon	Phosphorus	Sulphur	Chlorine	Argon
4	19 39.098 K	20 40.078 Ca	21 44.956 Sc	22 47.867 Ti	23 50.942 V	24 51.996 Cr	25 54.938 Mn	26 55.845 Fe	27 58.933 Co	28 58.693 Ni	29 63.546 Cu	30 65.39 Zn	31 69.723 Ga	32 72.64 Ge	33 74.922 As	34 78.96 Se	35 79.904 Br	36 83.8 Kr
7	Potassium	Calcium	Scandium	Titanium	Vanadium	Chromium	Manganese	Iron	Cobalt	Nickel	Copper	Zinc	Gallium	Germanium	Arsenic	Selenium	Bromine	Krypton
	37 85.468	38 87.62	39 88.906	40 91.224	41 92.906	42 95.94	43 96	44 101.07	45 102.91	46 106.42	47 107.87	48 112.41	49 114.82	50 118.71	51 121.76	52 127.6	53 126.9	54 131.29
5	Rb Rubidium	Sr Strontium	Yttrium	Zr Zirconium	Nb Niobium	Mo Molybdenum	Tc Technetium	Ru Ruthenium	Rh Rhodium	Pd Palladium	Ag Silver	Cd Cadmium	In	Sn Tin	Sb Antimony	Te Tellurium	lodine	Xe
	55 132.91	56 137.33	57-71	72 178.49	73 180.95	74 183.84	75 186.21	76 190.23	77 192.22	78 195.08	79 196.97	80 200.59	81 204.38	82 207.2	83 208.98	84 209	85 210	86 222
6	Cs	Ва	La-Lu	Hf	Та	W	Re	Os	lr	Pt	Au	Hg	TI	Pb	Bi	Po	At	Rn
	Caesium	Barium	Lanthanide	Halfnium	Tantalum	Tungsten	Rhenium	Osmium	· · · · Iridium	Platinum	Gold	Mercury	Thallium	Lead	Bismuth	Polonium	Astatine	Radon
7	87 223 Fr	88 226 Ra	89-103 Ac-Lr	104 261	105 262 Db	106 266	107 264 Bh	108 277 Hs	109 268 Mt	110 281 Ds	111 280 Rg	112 285 Uub	113 284 Uwt	114 289 Uwq	115 288 Uum	116 293 Uwh	117 292 Uus	118 294 Uuo
'	Francium	Radium	Actinide	Rutherfordium	Dubnium	Seaborgium	Bohrium	Hassium	Meitnerium	Darmstadtium	Roentgenium	Ununbium	Ununtrium	Ununquadium	Ununpentium	Ununhexium	Ununseptium	Ununoctium
	Alkali Metal			The state of the s													***********	
	Alkaline Earth Metal	Metal		57 138.91	58 140.12	59 140.91	60. 144.24	61 145	62 150.36	63 151.96	64 157.25	65 158.93	66 162.50	67 164.93	68 167.26	69 168.93	70 173.04	71 174.97
	Metalloid Non-metal			La	Ce Cerium	Pr Praseodymium	Nd Neodymium	Pm Promethium	Samarium	Europium	Gd Gadolinium	Tb Terbium	Dy Dysprosium	Holmium	Er Erbium	Tm	Ytterbium	Lu
	Halogen Noble Gas			Lanthanum	Cerium	1 laseodyllilalii	Neodymiam	Fromeunum	Samanum	Laropiatri	free contracts	***************************************		rioiiiiuiii	Erbium	***************************************		Lucetum
	Lanthanide/A	ctinide	7	89 227	90 232.04	91 231.04	92 238.03	93 237	94 244	95 243	96 247	97 247	98 251	99 252	100 257	101 258	102 259	103 262
	Symbol	man- made		Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	· · · · Md	No	Lr
	Name			Actinium	Thorium	Protactinium	Uranium	Neptunium	Plutonium	Americium	Curium	Berkelium	Californium	Einsteinium	Fermium	Mendelevium	Nobelium	Lawrencium