1																	2
H																	He
hydrogen	•																helium 4.00
1.01													10				
3	4	Atomic masses in brackets are for the most stable isotope of synthetic elements.															
Li	Ве						elements 20	011 (IUPAC ⁻	Fechnical R	eport). <i>Pure</i>	e	В	C	N	_	fluorine	Ne
lithium 6.94	beryllium 9.01		,	,), pp. 1047-							boron 10.81	carbon 12.01	nitrogen 14.01	oxygen 16.00	19.00	20.18
11	12				iscovery of fure Appl. Cl					5 and 11/	:	13	14	15	16	17	18
Na	Mg	Karol	. P.J., et. a	l. (2016). D	iscovery of	the elemen	t with atom	ic number Z	. = 118 com	pleting the	7th	Al .	Si	Р	S	Cl	Ar
sodium	magnesium	row o	of the period	dic table (Il	JPAC Téchni	cal Report)	. Pure Appl	. Chem., Vo	l. 88 (No. 1	-2), pp.155	-160.	aluminum	silicon	phosphorus	sulfur	chlorine	argon 39.95
22.99	24.30																
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
potassium 39.10	calcium 40.08	scandium 44.96	titanium 47.87	vanadium 50.94	chromium 52.00	manganese 54.94	iron 55 . 85	cobalt 58.93	nickel 58.69	copper 63.55	zinc 65.38	gallium 69.72	germanium 72.63	arsenic 74.92	selenium 78.97	bromine 79.90	krypton 83.80
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
Rb	Sr	Υ	Zr	Nb	Мо	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te		Xe
rubidium	strontium	yttrium	zirconium	niobium	molybdenum	Technetium	ruthenium	rhodium	palladium	silver	cadmium	indium	tin	antimony	tellurium	iodine	xenon
85.47	87.62	88,91	91.22	92.91	95.95	[97.91]	101.07	102.91	106.42	107.87	112.41	114.82	118,71	121.76	127.60	126.90	131.29
55	56	. 71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
Cs	Ba	Lu	Hf	Ta	W	Re	Os	lr	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
cesium 132.91	barium 137.33	lutetium 174.97	hafnlum 178.49	tantalum 180.95	tungsten 183.84	rhenlum 186.21	osmium 190,23	Iridium 192.22	platinum 195.08	gold 196.97	mercury 200.59	thallium 204.38	lead 207.21	blsmuth 208.98	polonium [210.0]	astatine [210.0]	radon [222.0]
87	88	,103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
Fr	Ra	Ľr	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og
francium	radium [226.03]	lawrencium	rutherfordlum	dubnium	seaborgium	bohrium	hassium	meitnerium	darmstadtium	roentgenium	copernicium [285.18]	nihonlum [285.18]	flerovium [289.19]	moscovium [289.19]	livermorium [293.20]	tennessine [294.21]	oganesson [294.21]
[223.02]	[220.03]	[262.11]	[265.12]	[268.13]	[271.13]	[270.13]	[277.15]	[276.15]	[281.17]	[202.11]	[500.10]	[200.10]	[203.13]	[203,13]	[200.20]	[207,21]	[207.22]
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No. 42	57	58	59	60	61	62	63	64	65	66	67	68	69	70
100	La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Но	Er	Tm	Yb
· Constitution	lanthanum 138.91	cerium 140.12	praseodymlum 140.91	neodymium 144.24	promethium [144.91]	samarlum 150.36	europium 151.96	gadolinlum 157.25	terblum 158.93	dysprosium 162.50	holmium 164.93	erbium 167.26	thulium 168.93	ytterbium 173.05
1	89	90	91	92	93	94	95	96	97	98	99	100	101	102
がある	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No
	actinium [227.03]	thorium 232.04	protactinium 231.04	uranium 238.03	neptunium [237.05]	plutonlum [244.06]	americium [243.06]	curium [247.07]	berkelium [247.07]	californlum [249.07]	einsteinlum [252.08]	fermium [257.10]	mendelevium [258.10]	nobelium [259.10]