4.0 He helium	20.2 Ne	39.9 Ar argon 18	83.8 Kr krypton 36	131.3 Xe xenon 54	[222] Rn radon 86	d but not
۲	19.0 fluorine 9	35.5 C1 chlorine 17	79.9 Br bromine 35	126.9 I iodine 53	[210] At astatine 85	n reporte
9	16.0 Oxygen 8	32.1 S sulfur 16	Se selenium 34	127.6 Te tellurium 52	[209] Po polonium 84	have bee
က	14.0 N nitrogen 7	31.0 P phosphorus 15	As arsenic 33	Sb antimony 51	209.0 Bi bismuth 83	mbers 112–116 ha fully authenticated
4	12.0 C carbon 6	28.1 silicon 14	72.6 Ge germanlum 32	Sn the state of	207.2 Pb lead 82	iic number fully
ო	10.8 B boron 5	27.0 A1 aluminium 13	69.7 Ga gallium 31	114.8 In indium 49	204.4 T thallium 81	Elements with atomic numbers 112–116 have been reported but not fully authenticated
			65.4 Zn zinc 30	Cd cadmium 48	200.6 Hg mercury 80	Elements
			63.5 Cu copper 29	107.9 Ag silver 47	197.0 Au gold 79	Rg roentgenium 111
			58.7 Ni nickel 28	106.4 Pd palladium 46	195.1 Pt platinum 78	[271] Ds darmstadtium 110
			58.9 Co cobalt 27	102.9 Rh rhodium 45	192.2 Ir iridium 77	[268] Mt meitnerium 109
1.0 H hydrogen			55.8 Fe iron 26	Ru ruthenium 44	190.2 Os osmium 76	[277] Hs hassium 108
			54.9 Mn manganese 25	[98] Tc technetium 43	186.2 Re rhenium 75	[264] Bh bohrium 107
	nass bol umber		52.0 Cr chromium 24	95.9 Mo molybdenum 42	183.8 W tungsten 74	[266] Sg seaborgium 106
Key	relative atomic mass atomic symbol name atomic (proton) number		50.9 V vanadium 23	92.9 Nb niobium 41	180.9 Ta tantalum 73	[262] Db dubnium 105
	relativ atoric		47.9 Ti titanium 22	91.2 Zr zirconium 40	178.5 Hf hafnium 72	[261] Rf rutherfordium 104
			Sc scandium 21	88.9 × 39	138.9 La * lanthanum 57	[227] Ac* actinium 89
N	9.0 Be beryllium 4	24.3 Mg magnesium 12	40.1 Ca calcium 20	87.6 Sr strontium 38	137.3 Ba barium 56	[226] Ra radium 88
-	6.9 L.i Ilthium 3	23.0 Na sodium 11	39.1 K potassium 19	85.5 Rb rubidium 37	132.9 Cs caesium 55	[223] Fr franclum 87

Ce Pr Nd Pm Sm Eu Gd Tb Dy Ho Er certum praseodymium neodymium promethium samartum europium gadolinium terbium dys 64 65 66 67 68 58 59 60 61 62 63 64 65 66 67 68 232.0 [231] 238.1 [242] [243] [247] [245] [251] [254] [253] Th Pa U Np Pu Am Cm Bk Cf Es Fm thorium pot optionium <	140.1	140.9		144.9	150.4	152.0	157.2	158.9	162.5	164.9	167.3	168.9	173.0	175.0
Passedymium neodymium ne	రి	ፚ		Pm	Sm	Eu	ဗ္ဗ	ď	ò	운	ய்	ᆵ	Λþ	3
10 10 10 10 10 10 10 10	cerium	praseodymium	_	promethium	samarium	europium	gadolinium	terbium	dysprosium	holmium	erbinm	thulium	ytterbium	lutetium
[231] 238.1 [237] [242] [243] [247] [245] [251] [254]	28	29		61	62	63	64	92	99	29	89	69	20	7
Pa U Np Pu Am Cm Bk Cf Es protectinum uranium neptunium plutonium americium curium berkelium californium einsteinium einsteini	232.0	[231]	238.1	[237]	[242]	[243]	[247]	[245]	[251]	[254]	[253]	[526]	[254]	[257]
profactinium uranium neptunium plutonium americium curium berkelium californium einsteinium einsteinium curium de	f	Ьа	-	å	Z	Am	S	쓢	ర	Es	F	Md	å	בֿ
01 02 03 04 05 06 07 09 09	thorium	protactinium	uranium	neptunium	plutonium	americium	curium	berkelium	californium	einsteinium	fermium	mendelevium	nobelium	lawrencium
	06	91	92	93	94	92	96	97	86	66	100	101	102	103