

Z

mass

X

Name

1	1 IA																	18 VIIIA																		
1	1	1.0079																	2	4.0025																
	H																		He																	
	Hydrogen																		Helium																	
2	3	6.941	4	9.0122																	13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA											
	Li		Be																		B	C	N	O	F	Ne										
	Lithium		Beryllium																		Boron	Carbon	Nitrogen	Oxygen	Flourine	Neon										
3	11	22.990	12	24.305																	13	14	15	16	17	18										
	Na		Mg																		Al	Si	P	S	Cl	Ar										
	Sodium		Magnesium																		Aluminium	Silicon	Phosphorus	Sulphur	Chlorine	Argon										
4	19	39.098	20	40.078	21	44.956	22	47.867	23	50.942	24	51.996	25	54.938	26	55.845	27	58.933	28	58.693	29	63.546	30	65.39	31	69.723	32	72.64	33	74.922	34	78.96	35	79.904	36	83.8
	K		Ca		Sc		Ti		V		Cr		Mn		Fe		Co		Ni		Cu		Zn		Ga		Ge		As		Se		Br		Kr	
	Potassium		Calcium		Scandium		Titanium		Vanadium		Chromium		Manganese		Iron		Cobalt		Nickel		Copper		Zinc		Gallium		Germanium		Arsenic		Selenium		Bromine		Krypton	
5	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
	Rb		Sr		Y		Zr		Nb		Mo		Tc		Ru		Rh		Pd		Ag		Cd		In		Sn		Sb		Te		I		Xe	
	Rubidium		Strontium		Yttrium		Zirconium		Niobium		Molybdenum		Technetium		Ruthenium		Rhodium		Palladium		Silver		Cadmium		Indium		Tin		Antimony		Tellurium		Iodine		Xenon	
6	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	
	Cs		Ba		La		Hf		Ta		W		Re		Os		Ir		Pt		Au		Hg		Tl		Pb		Bi		Po		At		Rn	
	Caesium		Barium		Lanthanide		Hafnium		Tantalum		Tungsten		Rhenium		Osmium		Iridium		Platinum		Gold		Mercury		Thallium		Lead		Bismuth		Polonium		Astatine		Radon	
7	87	223	88	226	89-103	104	261	105	262	106	266	107	264	108	277	109	268	110	281	111	280	112	285	113	284	114	289	115	288	116	293	117	292	118	294	
	Fr		Ra		Ac		Rf		Db		Sg		Bh		Hs		Mt		Ds		Rg		Uub		Uut		Uuq		Uup		Uuh		Uus		Uuo	
	Francium		Radium		Actinide		Rutherfordium		Dubnium		Seaborgium		Bohrium		Hassium		Meitnerium		Darmstadtium		Roentgenium		Ununbium		Ununtrium		Ununquadium		Ununpentium		Ununhexium		Ununseptium		Ununoctium	
				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			
				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	232.04	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			
				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				

Alkali Metal

Alkaline Earth Metal

Metal

Transition Metal

Metalloid

Non-metal

Halogen

Noble Gas

Lanthanide

Actinide

Synthetic