

Periodic Table of the Elements

1	IA																VIII A										18																																																																																																																																																																																																																																																																					
1	1																13										14										15										16										17										18																																																																																																																																																																																																																													
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	Hydrogen																Helium										Lithium										Beryllium										Boron										Carbon										Nitrogen										Oxygen										Fluorine										Neon																																																																																																																																																																																															
	1.007 94																4.002 60										6.941										9.012 18										10.811										12.0107										14.0067										15.9994										18.998 40										20.1797																																																																																																																																																																																															
2	IIA																IIIA										IV A										VA										VIA										VIIA										VIII A																																																																																																																																																																																																																													
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3	Na																Mg										Al										Si										P										S										Cl										Ar																																																																																																																																																																																																																			
	Sodium																Magnesium										Aluminum										Silicon										Phosphorus										Sulfur										Chlorine										Argon																																																																																																																																																																																																																			
	22.989 77																24.3050										26.981 54										28.0855										30.973 76										32.065										35.453										39.948																																																																																																																																																																																																																			
4	19																20																21																22																23																24																25																26																27																28																29																30																31																32																33																34																35																36															
4	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															
	39.0983																40.078																44.955 91																47.867																50.9415																51.9961																54.938 05																55.845																58.933 20																58.6934																63.546																65.38																69.723																72.64																74.921 60																78.96																79.904																83.798															
5	37																38																39																40																41																42																43																44																45																46																47																48																49																50																51																52																53																54															
5	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															
	85.4678																87.62																88.905 85																91.224																92.906 38																95.96																(98)																101.07																102.905 50																106.42																107.8682																112.411																114.818																118.710																121.760																127.60																126.904 47																131.293															
6	55																56																57-71																72																73																74																75																76																77																78																79																80																81																82																83																84																85																86															
6	Cs																Ba																La-Lu																Hf																Ta																W																Re																Os																Ir																Pt																Au																Hg																Tl																Pb																Bi																Po																At																Rn															
	Cesium																Barium																Lanthanides																Hafnium																Tantalum																Tungsten																Rhenium																Osmium																Iridium																Platinum																Gold																Mercury																Thallium																Lead																Bismuth																Polonium																Astatine																Radon															
	132.905 45																137.327																																178.49																180.947 88																183.84																186.207																190.23																192.217																195.084																196.966 57																200.59																204.3833																207.2																208.980 40																(209)																(210)																(222)															
7	87																88																89-103																104																105																106																107																108																109																110																111																112																113																114																115																116																117																118															
7	Fr																Ra																Ac-Lr																Rf																Db																Sg																Bh																Hs																Mt																Ds																Rg																Cn																Uut																Uuq																Uup																Uuh																Uus																Uuo															
	Francium																Radium																Actinides																Rutherfordium																Dubnium																Seaborgium																Bohrium																Hassium																Meitnerium																Darmstadtium																Roentgenium																Copernicium																Ununtrium																Ununquadium																Ununpentium																Ununhexium																Ununseptium																Ununoctium															
	(223)																(226)																																(265)																(268)																(271)																(272)																(270)																(276)																(281)																(280)																(285)																(284)																(289)																(288)																(293)																(292)																(294)															

26	Atomic number
Fe	Element symbol
Iron	Element name
55.845	Relative atomic mass

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Lanthanides

8	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71
	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
	138.905 47	140.116	140.907 65	144.242	(145)	150.36	151.964	157.25	158.925 35	162.500	164.930 32	167.259	168.934 21	173.054	174.9668

Actinides

9	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
	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
	(227)	232.038 06	231.035 88	238.028 91	(237)	(244)	(243)	(247)	(247)	(251)	(252)	(257)	(258)	(259)	(262)

Atomic masses obtained from the National Institute of Standards and Technology; atomic masses with more than 5 decimal places have been rounded. Parenthesis indicate mass of most stable nuclide