

group

14

atomic number

6

12.011

atomic weight [u]

period

2

C

symbol

name

Carbon

= radioactive

																		13		14		15		16		17		18																																												
1	1.008																	5	10.810		6	12.011		7	14.007		8	15.999		9	18.998		10	20.180																																						
1	H																	B		C		N		O		F		He																																												
Hydrogen																		Boron		Carbon		Nitrogen		Oxygen		Fluorine		Helium																																												
2	3		6.940		4		9.0122												13		14		15		16		17		18																																											
2	Li		Lithium		Be		Beryllium												Al		Si		P		S		Cl		Ne																																											
3	11		22.990		12		24.305												13		26.982		14		28.085		15		30.974		16		32.060		17		35.450		18		39.95																															
3	Na		Sodium		Mg		Magnesium												Al		Aluminium		Si		Silicon		P		Phosphorus		S		Sulfur		Cl		Chlorine		Ar		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		65.380		31		69.723		32		72.630		33		74.922		34		78.971		35		79.904		36		83.798	
4	K		Potassium		Ca		Calcium		Sc		Scandium		Ti		Titanium		V		Vanadium		Cr		Chromium		Mn		Manganese		Fe		Iron		Co		Cobalt		Ni		Nickel		Cu		Copper		Zn		Zinc		Ga		Gallium		Ge		Germanium		As		Arsenic		Se		Selenium		Br		Bromine		Kr		Krypton	
5	37		85.468		38		87.62		39		88.906		40		91.224		41		92.906		42		95.95		43		(97)		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		127.60		53		126.90		54		131.29	
5	Rb		Rubidium		Sr		Strontium		Y		Yttrium		Zr		Zirconium		Nb		Niobium		Mo		Molybdenum		Tc		Technetium		Ru		Ruthenium		Rh		Rhodium		Pd		Palladium		Ag		Silver		Cd		Cadmium		In		Indium		Sn		Tin		Sb		Antimony		Te		Tellurium		I		Iodine		Xe		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		207.20		83		208.98		84		(209)		85		(210)		86		(222)			
6	Cs		Caesium		Ba		Barium				Hf		Hafnium		Ta		Tantalum		W		Tungsten		Re		Rhenium		Os		Osmium		Ir		Iridium		Pt		Platinum		Au		Gold		Hg		Mercury		Tl		Thallium		Pb		Lead		Bi		Bismuth		Po		Polonium		At		Astatine		Rn		Radon			
7	87		(223)		88		(226)		89-103		104		(267)		105		(268)		106		(269)		107		(270)		108		(271)		109		(278)		110		(281)		111		(282)		112		(285)		113		(286)		114		(289)		115		(290)		116		(293)		117		(294)		118		(294)			
7	Fr		Francium		Ra		Radium				Rf		Rutherfordium		Db		Dubnium		Sg		Seaborgium		Bh		Bohrium		Hs		Hassium		Mt		Meitnerium		Ds		Darmstadtium		Rg		Roentgenium		Cn		Copernicium		Nh		Nihonium		Fl		Flerovium		Mc		Moscovium		Lv		Livermorium		Ts		Tennessee		Og		Oganesson			

	57 138.91 <b>La</b> Lanthanum	58 140.12 <b>Ce</b> Cerium	59 140.91 <b>Pr</b> Praseodymium	60 144.24 <b>Nd</b> Neodymium	61 (145) <b>Pm</b> Promethium	62 150.36 <b>Sm</b> Samarium	63 151.96 <b>Eu</b> Europium	64 157.25 <b>Gd</b> Gadolinium	65 158.93 <b>Tb</b> Terbium	66 162.50 <b>Dy</b> Dysprosium	67 164.93 <b>Ho</b> Holmium	68 167.26 <b>Er</b> Erbium	69 168.93 <b>Tm</b> Thulium	70 173.05 <b>Yb</b> Ytterbium	71 174.97 <b>Lu</b> Lutetium
	89 (227) <b>Ac</b> Actinium	90 232.04 <b>Th</b> Thorium	91 231.04 <b>Pa</b> Protactinium	92 238.03 <b>U</b> Uranium	93 (237) <b>Np</b> Neptunium	94 (244) <b>Pu</b> Plutonium	95 (243) <b>Am</b> Americium	96 (247) <b>Cm</b> Curium	97 (247) <b>Bk</b> Berkelium	98 (251) <b>Cf</b> Californium	99 (252) <b>Es</b> Einsteinium	100 (257) <b>Fm</b> Fermium	101 (258) <b>Md</b> Mendelevium	102 (259) <b>No</b> Nobelium	103 (266) <b>Lr</b> Lawrencium

## metals

## alkali metals

## alkaline earth metals

## transition metals

## lanthanoids

## actinoids

## post-transition metals

## metalloids

## metalloids

## nonmetals

## other nonmetals

## halogens

## noble gasses