

1	1.0079 H Hydrogen																2		4.0025 He Helium																	
2	3		4																		5		6		7		8		9		10					
	6.941 Li Lithium		9.0122 Be Beryllium																		10.811 B Boron		12.011 C Carbon		14.007 N Nitrogen		15.999 O Oxygen		18.998 F Flourine		20.180 Ne Neon					
3	11		12																		13		14		15		16		17		18					
	22.990 Na Sodium		24.305 Mg Magnesium																		26.982 Al Aluminium		28.086 Si Silicon		30.974 P Phosphorus		32.065 S Sulphur		35.453 Cl Chlorine		39.948 Ar Argon					
4	19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36	
	39.098 K Potassium		40.078 Ca Calcium		44.956 Sc Scandium		47.867 Ti Titanium		50.942 V Vanadium		51.996 Cr Chromium		54.938 Mn Manganese		55.845 Fe Iron		58.933 Co Cobalt		58.693 Ni Nickel		63.546 Cu Copper		65.39 Zn Zinc		69.723 Ga Gallium		72.64 Ge Germanium		74.922 As Arsenic		78.96 Se Selenium		79.904 Br Bromine		83.8 Kr Krypton	
5	37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54	
	85.468 Rb Rubidium		87.62 Sr Strontium		88.906 Y Yttrium		91.224 Zr Zirconium		92.906 Nb Niobium		95.94 Mo Molybdenum		96 Tc Technetium		101.07 Ru Ruthenium		102.91 Rh Rhodium		106.42 Pd Palladium		107.87 Ag Silver		112.41 Cd Cadmium		114.82 In Indium		118.71 Sn Tin		121.76 Sb Antimony		127.6 Te Tellurium		126.9 I Iodine		131.29 Xe Xenon	
6	55		56		57-71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86	
	132.91 Cs Caesium		137.33 Ba Barium		Lanthanide		178.49 Hf Hafnium		180.95 Ta Tantalum		183.84 W Tungsten		186.21 Re Rhenium		190.23 Os Osmium		192.22 Ir Iridium		195.08 Pt Platinum		196.97 Au Gold		200.59 Hg Mercury		204.38 Tl Thallium		207.2 Pb Lead		208.98 Bi Bismuth		209 Po Polonium		210 At Astatine		222 Rn Radon	
7	87		88		89-103		104		105		106		107		108		109		110		111		112		113		114		115		116		117		118	
	223 Fr Francium		226 Ra Radium		Actinide		261 Rf Rutherfordium		262 Db Dubnium		266 Sg Seaborgium		264 Bh Bohrium		277 Hs Hassium		268 Mt Meitnerium		281 Ds Darmstadtium		280 Rg Roentgenium		285 Uub Ununbium		284 Uut Ununtrium		289 Uuq Ununquadium		288 Uup Ununpentium		293 Uuh Ununhexium		292 Uus Ununseptium		294 Uuo Ununoctium	

- Big Bang
- Cosmic Rays
- Small Stars - Large Stars
- Large Stars
- Large Stars - Supernovae
- Supernovae
- Man-made

57	58	59	60	61	62	63	64	65	66	67	68	69	70	71
138.91 La Lanthanum	140.12 Ce Cerium	140.91 Pr Praseodymium	144.24 Nd Neodymium	145 Pm Promethium	150.36 Sm Samarium	151.96 Eu Europium	157.25 Gd Gadolinium	158.93 Tb Terbium	162.50 Dy Dysprosium	164.93 Ho Holmium	167.26 Er Erbium	168.93 Tm Thulium	173.04 Yb Ytterbium	174.97 Lu Lutetium

89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
227 Ac Actinium	232.04 Th Thorium	231.04 Pa Protactinium	238.03 U Uranium	237 Np Neptunium	244 Pu Plutonium	243 Am Americium	247 Cm Curium	247 Bk Berkelium	251 Cf Californium	252 Es Einsteinium	257 Fm Fermium	258 Md Mendelevium	259 No Nobelium	262 Lr Lawrencium

Z	mass
Symbol	
Name	