

PERIODIC TABLE OF THE ELEMENTS

																		1																			18																																																								
1	Atomic number																	1	Symbol																	2																																																									
1	Element																	1	Atomic mass																	2																																																									
																		Metal																			Metalloid																			Nonmetal																			○	Synthetic																	
1	2											13	14	15	16	17	18											13	14	15	16	17	18																																																												
1	2											5	6	7	8	9	10											5	6	7	8	9	10																																																												
2	3	4											11	12											13	14	15	16	17	18											13	14	15	16	17	18																																															
3	11	12											19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36											31	32	33	34	35	36																																															
4	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36											37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54																																															
5	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54											55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86																																															
6	55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86											87	88	89	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118																																															
7	87	88	89	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118											119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134																																																	

The number in parentheses is the mass number of the longest-lived isotope for that element.

* Properties are largely predicted.

Lanthanide series

Actinide series

58	59	60	61	62	63	64	65	66	67	68	69	70	71
Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Cerium 140.115	Praseodymium 140.908	Neodymium 144.242	Promethium (145) ○	Samarium 150.36	Europium 151.965	Gadolinium 157.25	Terbium 158.925	Dysprosium 162.50	Holmium 164.930	Erbium 167.259	Thulium 168.934	Ytterbium 173.04	Lutetium 174.967
90	91	92	93	94	95	96	97	98	99	100	101	102	103
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
Thorium 232.038	Protactinium 231.036	Uranium 238.029	Neptunium (237) ○	Plutonium (244) ○	Americium (243) ○	Curium (247) ○	Berkelium (247) ○	Californium (251) ○	Einsteinium * (252) ○	Fermium * (257) ○	Mendelevium * (258) ○	Nobelium * (259) ○	Lawrencium * (262) ○

