

Periodic Table of the Elements

	1	2											13	14	15	16	1	2	
	H	He											3A	4A	5A	6A	H	Ne	
	1.008	4.003											7A	8A	1.008	20.18			
1		2A																	
	3	4											5	6	7	8	9	10	
	Li	Be											B	C	N	O	F	Ne	
	6.941	9.012											10.81	12.01	14.01	16.00	19.00	20.18	
2																			
	11	12	3	4	5	6	7	8	9	10	11	12							
	Na	Mg	3B	4B	5B	6B	7B	8B	8B	8B	1B	2B							
	22.99	24.31											13	14	15	16			
													Al	Si	P	S			
													26.98	28.09	30.97	32.07	35.45		
3																			
	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br		
	39.10	40.08	44.96	47.87	50.94	52.00	54.94	55.85	58.93	58.69	63.55	65.39	69.72	72.61	74.92	78.96	79.90		
4																			
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		
	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I		
	85.49	87.62	88.91	91.22	92.91	95.94	(98)	101.1	102.9	106.4	107.9	112.4	114.8	118.7	121.8	127.6	126.9		
5																			
	55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85		
	Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At		
	132.9	137.3	138.9	178.5	180.9	183.9	186.2	190.2	192.2	195.1	197.0	200.6	204.4	207.2	209.0	(209)	(210)		
6																			
	87	88	89	104	105	106	107	108	109										
	Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt										
	(223)	(226)	(227)	(261)	(262)	(263)	(264)	(265)	(268)										
7																			
	Lanthanide Series		58	59	60	61	62	63	64	65	66	67	68	69	70	71			
	Actinide Series		90	91	92	93	94	95	96	97	98	99	100	101	102	103			
	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu					
	140.1	140.9	144.2	(145)	150.4	152.0	157.3	158.9	162.5	164.9	167.3	168.9	173.0	175.0					
	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr					
	232.0	231.0	238.0	(237)	(244)	(243)	(247)	(247)	(251)	(252)	(257)	(258)	(259)	(260)					