

Atomic Properties of the Elements

Group	1 IA	FREQUENTLY USED FUNDAMENTAL PHYSICAL CONSTANTS [§]																		2 VIIIA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Period	1 IA	1 H	Hydrogen 1.008 1s 13.5984	2 IIA	3 Li	Lithium 6.94 1s ² s 5.3917	4 Be	Beryllium 9.0122 1s ² s ² 9.3207	5	6	7	8	9	10	11	12	13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	11 Na	12 Mg	Sodium 22.990 24.305 [Ne]3s 5.1391	13	14	15	16	17	18 He	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr	37	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe	55 Cs	56 Ba	57 Hf	58 Ta	59 W	60 Os	61 Ir	62 Pt	63 Au	64 Hg	65 Tl	66 Pb	67 Bi	68 Po	69 At	70 Rn	71 Lu	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87 Fr	88 Ra	89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118 Og																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	13.605 693 1230 eV	6.674 x 10 ⁻¹¹ m ³ kg ⁻¹ s ⁻²	1.008	1s	13.5984	2.008	1s	13.5984	3.008	1s	13.5984	4.008	1s	13.5984	5.008	1s	13.5984	6.008	1s	13.5984	7.008	1s	13.5984	8.008	1s	13.5984	9.008	1s	13.5984	10.008	1s	13.5984	11.008	1s	13.5984	12.008	1s	13.5984	13.008	1s	13.5984	14.008	1s	13.5984	15.008	1s	13.5984	16.008	1s	13.5984	17.008	1s	13.5984	18.008	1s	13.5984	19.008	1s	13.5984	20.008	1s	13.5984	21.008	1s	13.5984	22.008	1s	13.5984	23.008	1s	13.5984	24.008	1s	13.5984	25.008	1s	13.5984	26.008	1s	13.5984	27.008	1s	13.5984	28.008	1s	13.5984	29.008	1s	13.5984	30.008	1s	13.5984	31.008	1s	13.5984	32.008	1s	13.5984	33.008	1s	13.5984	34.008	1s	13.5984	35.008	1s	13.5984	36.008	1s	13.5984	37.008	1s	13.5984	38.008	1s	13.5984	39.008	1s	13.5984	40.008	1s	13.5984	41.008	1s	13.5984	42.008	1s	13.5984	43.008	1s	13.5984	44.008	1s	13.5984	45.008	1s	13.5984	46.008	1s	13.5984	47.008	1s	13.5984	48.008	1s	13.5984	49.008	1s	13.5984	50.008	1s	13.5984	51.008	1s	13.5984	52.008	1s	13.5984	53.008	1s	13.5984	54.008	1s	13.5984	55.008	1s	13.5984	56.008	1s	13.5984	57.008	1s	13.5984	58.008	1s	13.5984	59.008	1s	13.5984	60.008	1s	13.5984	61.008	1s	13.5984	62.008	1s	13.5984	63.008	1s	13.5984	64.008	1s	13.5984	65.008	1s	13.5984	66.008	1s	13.5984	67.008	1s	13.5984	68.008	1s	13.5984	69.008	1s	13.5984	70.008	1s	13.5984	71.008	1s	13.5984	72.008	1s	13.5984	73.008	1s	13.5984	74.008	1s	13.5984	75.008	1s	13.5984	76.008	1s	13.5984	77.008	1s	13.5984	78.008	1s	13.5984	79.008	1s	13.5984	80.008	1s	13.5984	81.008	1s	13.5984	82.008	1s	13.5984	83.008	1s	13.5984	84.008	1s	13.5984	85.008	1s	13.5984	86.008	1s	13.5984	87.008	1s	13.5984	88.008	1s	13.5984	89.008	1s	13.5984	90.008	1s	13.5984	91.008	1s	13.5984	92.008	1s	13.5984	93.008	1s	13.5984	94.008	1s	13.5984	95.008	1s	13.5984	96.008	1s	13.5984	97.008	1s	13.5984	98.008	1s	13.5984	99.008	1s	13.5984	100.008	1s	13.5984	101.008	1s	13.5984	102.008	1s	13.5984	103.008	1s	13.5984	104.008	1s	13.5984	105.008	1s	13.5984	106.008	1s	13.5984	107.008	1s	13.5984	108.008	1s	13.5984	109.008	1s	13.5984	110.008	1s	13.5984	111.008	1s	13.5984	112.008	1s	13.5984	113.008	1s	13.5984	114.008	1s	13.5984	115.008	1s	13.5984	116.008	1s	13.5984	117.008	1s	13.5984	118.008	1s	13.5984	119.008	1s	13.5984	120.008	1s	13.5984	121.008	1s	13.5984	122.008	1s	13.5984	123.008	1s	13.5984	124.008	1s	13.5984	125.008	1s	13.5984	126.008	1s	13.5984	127.008	1s	13.5984	128.008	1s	13.5984	129.008	1s	13.5984	130.008	1s	13.5984	131.008	1s	13.5984	132.008	1s	13.5984	133.008	1s	13.5984	134.008	1s	13.5984	135.008	1s	13.5984	136.008	1s	13.5984	137.008	1s	13.5984	138.008	1s	13.5984	139.008	1s	13.5984	140.008	1s	13.5984	141.008	1s	13.5984	142.008	1s	13.5984	143.008	1s	13.5984	144.008	1s	13.5984	145.008	1s	13.5984	146.008	1s	13.5984	147.008	1s	13.5984	148.008	1s	13.5984	149.008	1s	13.5984	150.008	1s	13.5984	151.008	1s	13.5984	152.008	1s	13.5984	153.008	1s	13.5984	154.008	1s	13.5984	155.008	1s	13.5984	156.008	1s	13.5984	157.008	1s	13.5984	158.008	1s	13.5984	159.008	1s	13.5984	160.008	1s	13.5984	161.008	1s	13.5984	162.008	1s	13.5984	163.008	1s	13.5984	164.008	1s	13.5984	165.008	1s	13.5984	166.008	1s	13.5984	167.008	1s	13.5984	168.008	1s	13.5984	169.008	1s	13.5984	170.008	1s	13.5984	171.008	1s	13.5984	172.008	1s	13.5984	173.008	1s	13.5984	174.008	1s	13.5984	175.008	1s	13.5984	176.008	1s	13.5984	177.008	1s	13.5984	178.008	1s	13.5984	179.008	1s	13.5984	180.008	1s	13.5984	181.008	1s	13.5984	182.008	1s	13.5984	183.008	1s	13.5984	184.008	1s	13.5984	185.008	1s	13.5984	186.008	1s	13.5984	187.008	1s	13.5984	188.008	1s	13.5984	189.008	1s	13.5984	190.008	1s	13.5984	191.008	1s	13.5984	192.008	1s	13.5984	193.008	1s	13.5984	194.008	1s	13.5984	195.008	1s	13.5984	196.008	1s	13.5984	197.008	1s	13.5984	198.008	1s	13.5984	199.008	1s	13.5984	200.008	1s	13.5984	201.008	1s	13.5984	202.008	1s	13.5984	203.008	1s	13.5984	204.008	1s	13.5984	205.008	1s	13.5984	206.008	1s	13.5984	207.008	1s	13.5984	208.008	1s	13.5984	209.008	1s	13.5984	210.008	1s	13.5984	211.008	1s	13.5984	212.008	1s	13.5984	213.008	1s	13.5984	214.008	1s	13.5984	215.008	1s	13.5984	216.008	1s	13.5984	217.008	1s	13.5984	218.008	1s	13.5984	219.008	1s	13.5984	220.008	1s	13.5984	221.008	1s	13.5984	222.008	1s	13.5984	223.008	1s	13.5984	224.008	1s	13.5984	225.008	1s	13.5984	226.008	1s	13.5984	227.008	1s	13.5984	228.008	1s	13.5984	229.008	1s	13.5984	230.008	1s	13.5984	231.008	1s	13.5984	232.008	1s	13.5984	233.008	1s	13.5984	234.008	1s	13.5984	235.008	1s	13.5984	236.008	1s	13.5984	237.008	1s	13.5984	238.008	1s	13.5984	239.008	1s	13.5984	240.008	1s	13.5984	241.008	1s	13.5984	242.008	1s	13.5984	243.008	1s	13.5984	244.008	1s	13.5984	245.008	1s	13.5984	246.008	1s	13.5984	247.008	1s	13.5984	248.008	1s	13.5984	249.008	1s	13.5984	250.008	1s	13.5984	251.008	1s	13.5984	252.008	1s	13.5984	253.008	1s	13.5984	254.008	1s	13.5984	255.008	1s	13.5984	256.008	1s	13.5984	257.008	1s	13.5984	258.008	1s	13.5984	259.008	1s	13.5984	260.008	1s	13.5984	261.008	1s	13.5984	262.008	1s	13.5984	263.008	1s	13.5984	264.008	1s	13.5984	265.008	1s	13.5984	266.008	1s	13.5984	267.008	1s	13.5984	268.008	1s	13.5984	269.008	1s	13.5984	270.008	1s	13.5984	271.008	1s	13.5984	272.008	1s	13.5984	273.008	1s	13.5984	274.008	1s	13.5984	275.008	1s	13.5984	276.008	1s	13.5984	277.008	1s	13.5984	278.008	1s	13.5984	279.008	1s	13.5984	280.008	1s	13.5984	281.008	1s	13.5984	282.008	1s	13.5984	283.008	1s	13.5984	284.008	1s	13.5984	285.008	1s	13.5984	286.008	1s	13.5984	287.008	1s	13.5984	288.008	1s	13.5984	289.008	1s	13.5984	290.008	1s	13.5984	291.008	1s	13.5984	292.008	1s	13.5984	293.008	1s	13.5984	294.008	1s	13.5984	295.008	1s	13.5984	296.008	1s	13.5984	297.008	1s	13.5984	298.008	1s	13.5984	299.008	1s	13.5984	300.008	1s	13.5984	301.008	1s	13.5984	302.008	1s	13.5984	303.008	1s	13.5984	304.008	1s	13.5984	305.008	1s	13.5984	306.008	1s	13.5984	307.008	1s	13.5984	308.008	1s	13.5984	309.008	1s	13.5984	310.008

NISTory of the Periodic Table

