

# PERIODIC TABLE OF THE ELEMENTS

Main groups																Main groups							
1A		2A																3A	4A	5A	6A	7A	8A
1	2															13	14	15	16	17	18		
1 <b>H</b> (1.00794)																							
2 <b>Li</b> (6.941)	<b>Be</b> (9.012182)															<b>B</b> (10.811)	<b>C</b> (12.0107)	<b>N</b> (14.0064)	<b>O</b> (15.9994)	<b>F</b> (18.998403)	<b>Ne</b> (20.1797)		
		Transition metals																					
3 <b>Na</b> (22.98976)	<b>Mg</b> (24.305)	3B	4B	5B	6B	7B	8B		10B	11B	12B	<b>Al</b> (26.981538)	<b>Si</b> (28.0855)	<b>P</b> (30.97376)	<b>S</b> (32.065)	<b>Cl</b> (35.453)	<b>Ar</b> (39.948)						
4 <b>K</b> (39.0983)	<b>Ca</b> (40.078)	<b>Sc</b> (44.955912)	<b>Ti</b> (47.88)	<b>V</b> (50.9415)	<b>Cr</b> (51.9961)	<b>Mn</b> (54.938044)	<b>Fe</b> (55.845)	<b>Co</b> (58.933200)	<b>Ni</b> (58.6934)	<b>Cu</b> (63.546)	<b>Zn</b> (65.39)	<b>Ga</b> (69.723)	<b>Ge</b> (72.64)	<b>As</b> (74.92160)	<b>Se</b> (78.96)	<b>Br</b> (79.904)	<b>Kr</b> (83.80)						
5 <b>Rb</b> (85.4678)	<b>Sr</b> (87.62)	<b>Y</b> (88.90584)	<b>Zr</b> (91.224)	<b>Nb</b> (92.90638)	<b>Mo</b> (95.94)	<b>Tc</b> (98)	<b>Ru</b> (101.07)	<b>Rh</b> (101.072)	<b>Pd</b> (106.42)	<b>Ag</b> (107.8682)	<b>Cd</b> (112.411)	<b>In</b> (114.818)	<b>Sn</b> (118.710)	<b>Sb</b> (121.757)	<b>Te</b> (127.60)	<b>I</b> (126.90447)	<b>Xe</b> (131.29)						
6 <b>Cs</b> (132.9054)	<b>Ba</b> (137.327)	<b>La</b> (138.9047)	<b>Hf</b> (178.49)	<b>Ta</b> (180.9479)	<b>W</b> (183.84)	<b>Re</b> (186.207)	<b>Os</b> (190.23)	<b>Ir</b> (192.22)	<b>Pt</b> (195.078)	<b>Au</b> (196.9665)	<b>Hg</b> (200.59)	<b>Tl</b> (204.384)	<b>Pb</b> (207.2)	<b>Bi</b> (208.9804)	<b>Po</b> (209)	<b>At</b> (209)	<b>Rn</b> (222)						
7 <b>Fr</b> (223)	<b>Ra</b> (226)	<b>Lr</b> (260.1)	<b>Rf</b> (261.1)	<b>Db</b> (262.1)	<b>Sg</b> (263.1)	<b>Bh</b> (264.1)	<b>Hs</b> (265.1)	<b>Mt</b> (266.1)	<b>Ds</b> (269)	<b>Rg</b> (271)	<b>Cn</b> (273)		<b>Fl</b> (289)		<b>Lv</b> (293)		<b>Uu</b> (289)						

*Lanthanide series	57 <b>*La</b> (138.905)	58 <b>Ce</b> (140.116)	59 <b>Pr</b> (140.90765)	60 <b>Nd</b> (144.24)	61 <b>Pm</b> (145)	62 <b>Sm</b> (150.36)	63 <b>Eu</b> (151.964)	64 <b>Gd</b> (157.25)	65 <b>Tb</b> (158.92534)	66 <b>Dy</b> (162.50)	67 <b>Ho</b> (164.93032)	68 <b>Er</b> (167.259)	69 <b>Tm</b> (168.93022)	70 <b>Yb</b> (173.04)
*Actinide series	89 <b>*Ac</b> (227)	90 <b>Th</b> (232.0377)	91 <b>Pa</b> (231.036888)	92 <b>U</b> (238.02891)	93 <b>Np</b> (237)	94 <b>Pu</b> (244)	95 <b>Am</b> (243)	96 <b>Cm</b> (247)	97 <b>Bk</b> (247)	98 <b>Cf</b> (251)	99 <b>Es</b> (252)	100 <b>Fm</b> (257)	101 <b>Md</b> (258)	102 <b>No</b> (259)

\*The labels on top (1A, 2A, etc.) are common American usage. The labels below these (1, 2, etc.) are those recommended by the International Union of Pure and Applied Chemistry.

Atomic weights in brackets are the masses of the longest-lived or most important isotope of radioactive elements.

Further information is available at <http://www.nist.gov/pml/chemistry/web-elements/>

\*Element 117 is currently under review by IUPAC.

# Prentice Hall Periodic Table

**Emilie Sanchez**

A decorative graphic element consisting of a light blue horizontal bar with a rounded right end, and a red circular glow behind it.

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