

# Periodic Table of the Elements

## for the Grade Eight and High School California Science Test

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	1 <b>H</b> hydrogen 1.01																					
2	3 <b>Li</b> lithium 6.94	4 <b>Be</b> beryllium 9.01												13	14	15	16	17	10			
														5 <b>B</b> boron 10.81	6 <b>C</b> carbon 12.01	7 <b>N</b> nitrogen 14.01	8 <b>O</b> oxygen 16.00	9 <b>F</b> fluorine 19.00	10 <b>Ne</b> neon 20.18			
3	11 <b>Na</b> sodium 22.99	12 <b>Mg</b> magnesium 24.30												13 <b>Al</b> aluminum 26.98	14 <b>Si</b> silicon 28.09	15 <b>P</b> phosphorus 30.97	16 <b>S</b> sulfur 32.06	17 <b>Cl</b> chlorine 35.45	18 <b>Ar</b> argon 39.95			
4	19 <b>K</b> potassium 39.10	20 <b>Ca</b> calcium 40.08	21 <b>Sc</b> scandium 44.96	22 <b>Ti</b> titanium 47.87	23 <b>V</b> vanadium 50.94	24 <b>Cr</b> chromium 52.00	25 <b>Mn</b> manganese 54.94	26 <b>Fe</b> iron 55.85	27 <b>Co</b> cobalt 58.93	28 <b>Ni</b> nickel 58.69	29 <b>Cu</b> copper 63.55	30 <b>Zn</b> zinc 65.38	31 <b>Ga</b> gallium 69.72	32 <b>Ge</b> germanium 72.63	33 <b>As</b> arsenic 74.92	34 <b>Se</b> selenium 78.97	35 <b>Br</b> bromine 79.90	36 <b>Kr</b> krypton 83.80				
5	37 <b>Rb</b> rubidium 85.47	38 <b>Sr</b> strontium 87.62	39 <b>Y</b> yttrium 88.91	40 <b>Zr</b> zirconium 91.22	41 <b>Nb</b> niobium 92.91	42 <b>Mo</b> molybdenum 95.95	43 <b>Tc</b> technetium (98)	44 <b>Ru</b> ruthenium 101.07	45 <b>Rh</b> rhodium 102.91	46 <b>Pd</b> palladium 106.42	47 <b>Ag</b> silver 107.87	48 <b>Cd</b> cadmium 112.41	49 <b>In</b> indium 114.82	50 <b>Sn</b> tin 118.71	51 <b>Sb</b> antimony 121.76	52 <b>Te</b> tellurium 127.60	53 <b>I</b> iodine 126.90	54 <b>Xe</b> xenon 131.29				
6	55 <b>Cs</b> cesium 132.91	56 <b>Ba</b> barium 137.33	57–71	72 <b>Hf</b> hafnium 178.49	73 <b>Ta</b> tantalum 180.95	74 <b>W</b> tungsten 183.84	75 <b>Re</b> rhenium 186.21	76 <b>Os</b> osmium 190.23	77 <b>Ir</b> iridium 192.22	78 <b>Pt</b> platinum 195.08	79 <b>Au</b> gold 196.97	80 <b>Hg</b> mercury 200.59	81 <b>Tl</b> thallium 204.38	82 <b>Pb</b> lead 207.21	83 <b>Bi</b> bismuth 208.98	84 <b>Po</b> polonium (209)	85 <b>At</b> astatine (210)	86 <b>Rn</b> radon (222)				
7	87 <b>Fr</b> francium (223)	88 <b>Ra</b> radium (226)	89–103	104 <b>Rf</b> rutherfordium (267)	105 <b>Db</b> dubnium (268)	106 <b>Sg</b> seaborgium (269)	107 <b>Bh</b> bohrium (270)	108 <b>Hs</b> hassium (269)	109 <b>Mt</b> meitnerium (278)	110 <b>Ds</b> darmstadtium (281)	111 <b>Rg</b> roentgenium (282)	112 <b>Cn</b> copernicium (285)	113 <b>Nh</b> nihonium (286)	114 <b>Fl</b> flerovium (289)	115 <b>Mc</b> moscovium (289)	116 <b>Lv</b> livermorium (293)	117 <b>Ts</b> tennessine (294)	118 <b>Og</b> oganeson (294)				
			57 <b>La</b> lanthanum 138.91	58 <b>Ce</b> cerium 140.12	59 <b>Pr</b> praseodymium 140.91	60 <b>Nd</b> neodymium 144.24	61 <b>Pm</b> promethium (145)	62 <b>Sm</b> samarium 150.36	63 <b>Eu</b> europium 151.96	64 <b>Gd</b> gadolinium 157.25	65 <b>Tb</b> terbium 158.93	66 <b>Dy</b> dysprosium 162.50	67 <b>Ho</b> holmium 164.93	68 <b>Er</b> erbium 167.26	69 <b>Tm</b> thulium 168.93	70 <b>Yb</b> ytterbium 173.05	71 <b>Lu</b> lutetium 174.97					
			89 <b>Ac</b> actinium (227)	90 <b>Th</b> thorium 232.04	91 <b>Pa</b> protactinium 231.04	92 <b>U</b> uranium 238.03	93 <b>Np</b> neptunium (237)	94 <b>Pu</b> plutonium (244)	95 <b>Am</b> americium (243)	96 <b>Cm</b> curium (247)	97 <b>Bk</b> berkelium (247)	98 <b>Cf</b> californium (251)	99 <b>Es</b> einsteinium (252)	100 <b>Fm</b> fermium (257)	101 <b>Md</b> mendelevium (258)	102 <b>No</b> nobelium (259)	103 <b>Lr</b> lawrencium (266)					

Atomic Number

1

Element Symbol

H

Element Name

hydrogen

Average Atomic Mass

1.01

*\* If this number is in parentheses, then it refers to the atomic mass of the most stable isotope.*