

# Official Class Periodic Table

Unless directed otherwise, use only this table for all classwork.

This table will be provided with all exams.

This table is printed in the front cover of your text book and is available as a pop-up in mastering chemistry.

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1 IA 1 <b>H</b> 1.01 hydrogen	2 IIA 4 <b>Be</b> 9.01 beryllium											13 IIIA 5 <b>B</b> 10.81 boron	14 IVA 6 <b>C</b> 12.01 carbon	15 VA 7 <b>N</b> 14.01 nitrogen	16 VIA 8 <b>O</b> 16.00 oxygen	17 VIIA 9 <b>F</b> 19.00 fluorine	18 VIIIA 10 <b>Ne</b> 20.18 neon			
3 <b>Li</b> 6.94 lithium	11 <b>Na</b> 22.99 sodium	12 <b>Mg</b> 24.31 magnesium	19 <b>K</b> 39.10 potassium	20 <b>Ca</b> 40.08 calcium	21 <b>Sc</b> 44.96 scandium	22 <b>Ti</b> 47.88 titanium	23 <b>V</b> 50.94 vanadium	24 <b>Cr</b> 52.00 chromium	25 <b>Mn</b> 54.94 manganese	26 <b>Fe</b> 55.85 iron	27 <b>Co</b> 58.93 cobalt	28 <b>Ni</b> 58.69 nickel	29 <b>Cu</b> 63.55 copper	30 <b>Zn</b> 65.39 zinc	31 <b>Ga</b> 69.72 gallium	32 <b>Ge</b> 72.61 germanium	33 <b>As</b> 74.92 arsenic	34 <b>Se</b> 78.96 selenium	35 <b>Br</b> 79.90 bromine	36 <b>Kr</b> 83.80 krypton
37 <b>Rb</b> 85.47 rubidium	38 <b>Sr</b> 87.62 strontium	39 <b>Y</b> 88.91 yttrium	40 <b>Zr</b> 91.22 zirconium	41 <b>Nb</b> 92.91 niobium	42 <b>Mo</b> 95.94 molybdenum	43 <b>Tc</b> (99) technetium	44 <b>Ru</b> 101.07 ruthenium	45 <b>Rh</b> 102.91 rhodium	46 <b>Pd</b> 106.42 palladium	47 <b>Ag</b> 107.87 silver	48 <b>Cd</b> 112.41 cadmium	49 <b>In</b> 114.82 indium	50 <b>Sn</b> 118.71 tin	51 <b>Sb</b> 121.75 antimony	52 <b>Te</b> 127.60 tellurium	53 <b>I</b> 126.90 iodine	54 <b>Xe</b> 131.29 xenon			
55 <b>Cs</b> 132.91 cesium	56 <b>Ba</b> 137.33 barium	57 <b>La</b> 138.91 lanthanum	72 <b>Hf</b> 178.49 hafnium	73 <b>Ta</b> 180.95 tantalum	74 <b>W</b> 183.85 tungsten	75 <b>Re</b> 186.21 rhenium	76 <b>Os</b> 190.2 osmium	77 <b>Ir</b> 192.22 iridium	78 <b>Pt</b> 195.08 platinum	79 <b>Au</b> 196.97 gold	80 <b>Hg</b> 200.59 mercury	81 <b>Tl</b> 204.38 thallium	82 <b>Pb</b> 207.2 lead	83 <b>Bi</b> 208.98 bismuth	84 <b>Po</b> (209) polonium	85 <b>At</b> (210) astatine	86 <b>Rn</b> (222) radon			
87 <b>Fr</b> (223) francium	88 <b>Ra</b> (226) radium	89 <b>Ac</b> (227) actinium	104 <b>Rf</b> (261) rutherfordium	105 <b>Db</b> (262) dubnium	106 <b>Sg</b> (263) seaborgium	107 <b>Bh</b> (262) bohrium	108 <b>Hs</b> (265) hassium	109 <b>Mt</b> (266) meitnerium	110 <b>Ds</b> (281) darmstadtium	111 <b>Rg</b> (280) roentgenium	112 <b>Cn</b> (285) copernicium	113 <b>—</b> (284) —	114 <b>Fl</b> (289) flerovium	115 <b>—</b> (288) —	116 <b>Lv</b> (292) livermorium	117* <b>—</b> (294) —	118 <b>—</b> (294) —			
			58 <b>Ce</b> 140.12 cerium	59 <b>Pr</b> 140.91 praseodymium	60 <b>Nd</b> 144.24 neodymium	61 <b>Pm</b> (147) promethium	62 <b>Sm</b> 150.36 samarium	63 <b>Eu</b> 151.97 europium	64 <b>Gd</b> 157.25 gadolinium	65 <b>Tb</b> 158.93 terbium	66 <b>Dy</b> 162.50 dysprosium	67 <b>Ho</b> 164.93 holmium	68 <b>Er</b> 167.26 erbium	69 <b>Tm</b> 168.93 thulium	70 <b>Yb</b> 173.04 ytterbium	71 <b>Lu</b> 174.97 lutetium				
			90 <b>Th</b> (232) thorium	91 <b>Pa</b> (231) protactinium	92 <b>U</b> (238) uranium	93 <b>Np</b> (237) neptunium	94 <b>Pu</b> (244) plutonium	95 <b>Am</b> (243) americium	96 <b>Cm</b> (247) curium	97 <b>Bk</b> (247) berkelium	98 <b>Cf</b> (251) californium	99 <b>Es</b> (252) einsteinium	100 <b>Fm</b> (257) fermium	101 <b>Md</b> (258) mendelevium	102 <b>No</b> (259) nobelium	103 <b>Lr</b> (260) lawrencium				

