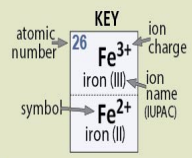


TABLE OF POLYATOMIC IONS			
acetate	CH ₃ COO ⁻	dihydrogen phosphate	H ₂ PO ₄ ⁻
arsenate	AsO ₄ ³⁻	hydrogen carbonate	HCO ₃ ⁻
arsenite	AsO ₃ ³⁻	hydrogen oxalate	HC ₂ O ₄ ⁻
benzoate	C ₆ H ₅ COO ⁻	hydrogen sulfate	HSO ₄ ⁻
borate	BO ₃ ³⁻	hydrogen sulfide	HS ⁻
bromate	BrO ₃ ⁻	hydrogen sulfite	HSO ₃ ⁻
carbonate	CO ₃ ²⁻	hydroxide	OH ⁻
chlorate	ClO ₃ ⁻	hypochlorite	ClO ⁻
chlorite	ClO ₂ ⁻	iodate	IO ₃ ⁻
chromate	CrO ₄ ²⁻	monohydrogen phosphate	HPO ₄ ²⁻
cyanate	CNO ⁻	nitrate	NO ₃ ⁻
cyanide	CN ⁻	nitrite	NO ₂ ⁻
dichromate	Cr ₂ O ₇ ²⁻	orthosilicate	SiO ₄ ⁴⁻
oxalate	C ₂ O ₄ ²⁻	perchlorate	ClO ₄ ⁻
periodate	IO ₄ ⁻	permanganate	MnO ₄ ⁻
peroxide	O ₂ ²⁻	phosphate	PO ₄ ³⁻
pyrophosphate	P ₂ O ₇ ⁴⁻	sulfate	SO ₄ ²⁻
sulfate	SO ₄ ²⁻	sulfite	SO ₃ ²⁻
thiocyanate	SCN ⁻	thiosulfate	S ₂ O ₃ ²⁻
POSITIVE POLYATOMIC IONS			
ammonium	NH ₄ ⁺	hydronium	H ₃ O ⁺

PERIODIC TABLE



1 H ⁺ hydrogen	2 He											17 H ⁻ hydride	18 He				
3 Li ⁺ lithium	4 Be ²⁺ beryllium											13 B boron	14 C carbon	15 N ³⁻ nitride	16 O ²⁻ oxide	17 F ⁻ fluoride	18 Ne neon
11 Na ⁺ sodium	12 Mg ²⁺ magnesium											13 Al ³⁺ aluminum	14 Si silicon	15 P ³⁻ phosphide	16 S ²⁻ sulfide	17 Cl ⁻ chloride	18 Ar argon
19 K ⁺ potassium	20 Ca ²⁺ calcium	21 Sc ³⁺ scandium	22 Ti ⁴⁺ titanium (IV)	23 V ³⁺ vanadium (III)	24 Cr ³⁺ chromium (III)	25 Mn ²⁺ manganese (II)	26 Fe ³⁺ iron (III)	27 Co ²⁺ cobalt (II)	28 Ni ²⁺ nickel (II)	29 Cu ²⁺ copper (II)	30 Zn ²⁺ zinc	31 Ga ³⁺ gallium	32 Ge ⁴⁺ germanium	33 As ³⁻ arsenide	34 Se ²⁻ selenide	35 Br ⁻ bromide	36 Kr krypton
37 Rb ⁺ rubidium	38 Sr ²⁺ strontium	39 Y ³⁺ yttrium	40 Zr ⁴⁺ zirconium	41 Nb ⁵⁺ niobium (V)	42 Mo ⁶⁺ molybdenum	43 Tc ⁷⁺ technetium	44 Ru ³⁺ ruthenium (III)	45 Rh ³⁺ rhodium	46 Pd ²⁺ palladium (II)	47 Ag ⁺ silver	48 Cd ²⁺ cadmium	49 In ³⁺ indium	50 Sn ⁴⁺ tin (IV)	51 Sb ³⁻ antimony (III)	52 Te ²⁻ telluride	53 I ⁻ iodide	54 Xe xenon
55 Cs ⁺ cesium	56 Ba ²⁺ barium	57 La ³⁺ lanthanum	72 Hf ⁴⁺ hafnium	73 Ta ⁵⁺ tantalum	74 W ⁶⁺ tungsten	75 Re ⁷⁺ rhenium	76 Os ⁴⁺ osmium	77 Ir ⁴⁺ iridium	78 Pt ⁴⁺ platinum (IV)	79 Au ³⁺ gold (III)	80 Hg ²⁺ mercury (II)	81 Tl ⁺ thallium (I)	82 Pb ²⁺ lead (II)	83 Bi ³⁺ bismuth (III)	84 Po ²⁺ polonium (II)	85 At ⁻ astatide	86 Rn radon
87 Fr ⁺ francium	88 Ra ²⁺ radium	89 Ac ³⁺ actinium															
			58 Ce ³⁺ cerium	59 Pr ³⁺ praseodymium	60 Nd ³⁺ neodymium	61 Pm ³⁺ promethium	62 Sm ³⁺ samarium (III)	63 Eu ³⁺ europium (III)	64 Gd ³⁺ gadolinium	65 Tb ³⁺ terbium	66 Dy ³⁺ dysprosium	67 Ho ³⁺ holmium	68 Er ³⁺ erbium	69 Tm ³⁺ thulium	70 Yb ³⁺ ytterbium (III)	71 Lu ³⁺ lutetium	
							62 Sm ²⁺ samarium (II)	63 Eu ²⁺ europium (II)									
			90 Th ⁴⁺ thorium	91 Pa ⁵⁺ protactinium (V)	92 U ⁶⁺ uranium (VI)	93 Np ⁵⁺ neptunium	94 Pu ⁴⁺ plutonium (IV)	95 Am ³⁺ americium (III)	96 Cm ³⁺ curium	97 Bk ³⁺ berkelium (III)	98 Cf ³⁺ californium	99 Es ³⁺ einsteinium	100 Fm ³⁺ fermium	101 Md ²⁺ mendelevium (II)	102 No ²⁺ nobelium (II)	103 Lr ³⁺ lawrencium	
							94 Pu ⁶⁺ plutonium (VI)	95 Am ⁴⁺ americium (IV)									