

PERIODIC TABLE OF IONS

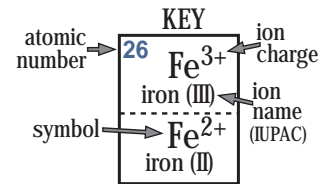


TABLE OF POLYATOMIC IONS			
acetate	CH ₃ COO ⁻	dihydrogen phosphate	H ₂ PO ₄ ⁻
arsenate	AsO ₄ ³⁻	hydrogen carbonate	HCO ₃ ⁻
arsenite	AsO ₃ ³⁻	hydrogen oxalate	HC ₂ O ₄ ⁻
benzoate	C ₆ H ₅ COO ⁻	hydrogen sulfate	HSO ₄ ⁻
borate	BO ₃ ³⁻	hydrogen sulfide	HS ⁻
bromate	BrO ₃ ⁻	hydrogen sulfite	HSO ₃ ⁻
carbonate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

1 H ⁺ hydrogen	2 Be ²⁺ beryllium	3 Li ⁺ lithium	4 Mg ²⁺ magnesium
11 Na ⁺ sodium	12 K ⁺ potassium	19 Ca ²⁺ calcium	20 Sc ³⁺ scandium
37 Rb ⁺ rubidium	38 Sr ²⁺ strontium	55 Cs ⁺ cesium	56 Ba ²⁺ barium
87 Fr ⁺ francium	88 Ra ²⁺ radium	89 Ac ³⁺ actinium	

13 B boron	14 C carbon	15 N ³⁻ nitride	16 O ²⁻ oxide	17 F ⁻ fluoride	18 He helium
13 Al ³⁺ aluminum	14 Si silicon	15 P ³⁻ phosphide	16 S ²⁻ sulfide	17 Cl ⁻ chloride	18 Ar argon
31 Ga ³⁺ gallium	32 Ge ⁴⁺ germanium	33 As ³⁻ arsenide	34 Se ²⁻ selenide	35 Br ⁻ bromide	36 Kr krypton
49 In ³⁺ indium	50 Sn ⁴⁺ tin (IV) Sn ²⁺ tin (II)	51 Sb ³⁺ antimony(III) Sb ⁵⁺ antimony(V)	52 Te ²⁻ telluride	53 I ⁻ iodide	54 Xe xenon
81 Tl ⁺ thallium (I) Tl ³⁺ thallium(III)	82 Pb ²⁺ lead (II) Pb ⁴⁺ lead (IV)	83 Bi ³⁺ bismuth(III) Bi ⁵⁺ bismuth(V)	84 Po ²⁺ polonium(II) Po ⁴⁺ polonium(IV)	85 At ⁻ astatide	86 Rn radon

58 Ce ³⁺ cerium	59 Pr ³⁺ praseodymium	60 Nd ³⁺ neodymium	61 Pm ³⁺ promethium	62 Sm ³⁺ samarium(III) Sm ²⁺ samarium(II)	63 Eu ³⁺ europium (III) Eu ²⁺ europium (II)	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) Yb ²⁺ ytterbium(II)	71 Lu ³⁺ lutetium
90 Th ⁴⁺ thorium	91 Pa ⁵⁺ protactinium(V) Pa ⁴⁺ protactinium(IV)	92 U ⁶⁺ uranium (VI) U ⁴⁺ uranium (IV)	93 Np ⁵⁺ neptunium	94 Pu ⁴⁺ plutonium(IV) Pu ⁶⁺ plutonium(VI)	95 Am ³⁺ americium(III) Am ⁴⁺ americium(IV)	96 Cm ³⁺ curium	97 Bk ³⁺ berkelium(III) Bk ⁴⁺ berkelium(IV)	98 Cf ³⁺ californium	99 Es ³⁺ einsteinium	100 Fm ³⁺ fermium	101 Md ²⁺ mendelevium (II) Md ³⁺ mendelevium (III)	102 No ²⁺ nobelium(II) No ³⁺ nobelium(III)	103 Lr ³⁺ lawrencium