

VARIABLE VALENCES FOR TRANSITION METALS

Name	Symbol	Charge	Stock Name	-ous/-ic
Chromium	Cr	+2	Chromium (II)	Chromous
		+3	Chromium (III)	Chromic
Manganese	Mn	+2	Manganese (II)	Manganous
		+3	Manganese (III)	Manganic
Iron	Fe	+2	Iron (II)	Ferrous
		+3	Iron (III)	Ferric
Cobalt	Co	+2	Cobalt (II)	Cobaltous
		+3	Cobalt (III)	Cobaltic
Copper	Cu	+1	Copper (I)	Cuprous
		+2	Copper (II)	Cupric
Lead	Pb	+2	Lead (II)	Plumbous
		+4	Lead (IV)	Plumbic
Mercury	Hg	+1	Mercury (I)	Mercurous
		+2	Mercury (II)	Mercuric
Tin	Sn	+2	Tin (II)	Stannous
		+4	Tin (IV)	Stannic
Gold	Au	+1	Gold (I)	Aurous
		+3	Gold (III)	Auric
Silver	Ag	+1	Silver	Argentous
		+2 (rarely)	Silver (II)	Argententic
Bismuth	Bi	+3	Bismuth (III)	Bismuthous
		+5	Bismuth (V)	Bismuthic
Antimony	Sb	+3	Antimony (III)	Stibinous
		+5	Antimony (V)	Stibnic
Cadmium	Cd	+2	Cadmium	
Zinc	Zn	+2	Zinc	

POLYATOMIC IONS

Name	Symbol	Charge
ammonium	NH ₄	+1
acetate	C ₂ H ₃ O ₂	-1
bromate	BrO ₃	-1
chlorate	ClO ₃	-1
chlorite	ClO ₂	-1
cyanide	CN	-1
dihydrogen phosphate	H ₂ PO ₄	-1
hypochlorite	ClO	-1
hydrogencarbonate(bicarbonate)	HCO ₃	-1
hydrogen sulfate (bisulfate)	HSO ₄	-1
hydrogen sulfite (bisulfite)	HSO ₃	-1
hydroxide	OH	-1
iodate	IO ₃	-1
nitrate	NO ₃	-1
nitrite	NO ₂	-1
perchlorate	ClO ₄	-1
permanganate	MnO ₄	-1
thiocyanate	SCN	-1
carbonate	CO ₃	-2
chromate	CrO ₄	-2
dichromate	Cr ₂ O ₇	-2
oxalate	C ₂ O ₄	-2
selenate	SeO ₄	-2
silicate	SiO ₃	-2
sulfate	SO ₄	-2
sulfite	SO ₃	-2
phosphate	PO ₄	-3
phosphite	PO ₃	-3