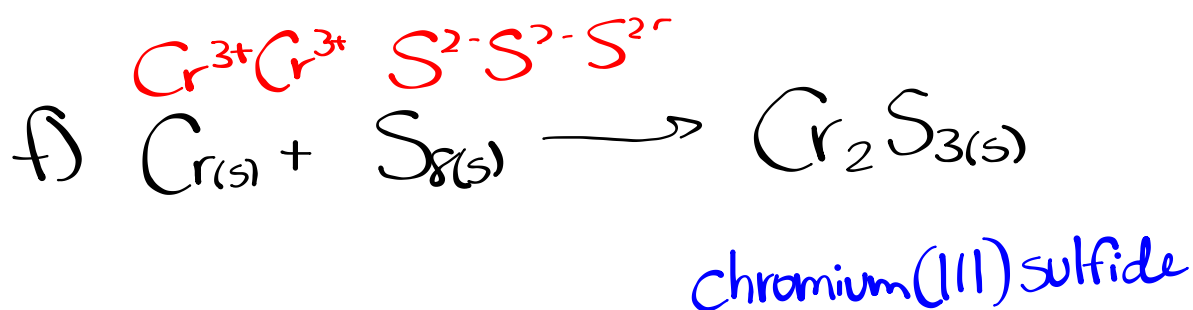
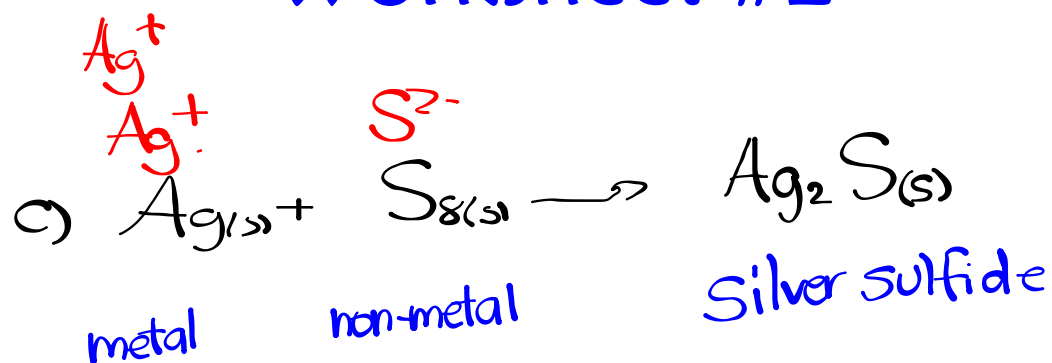


Pass in Assignment

Worksheet #2



Writing Formulas for Polyatomic Ions

polyatomic ions- are ions made up of more than one atom.

Ex. CO_3^{2-} carbonate ion



Carbonite
Cyanide

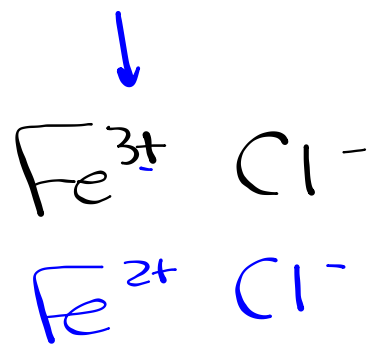
Determining formulas of polyatomic ion compounds are done in the same manner as binary compounds.

Ex. sodium carbonate



Ex. calcium nitrate





Naming Polyatomic Ionic Compounds

Ex. CaCO_3

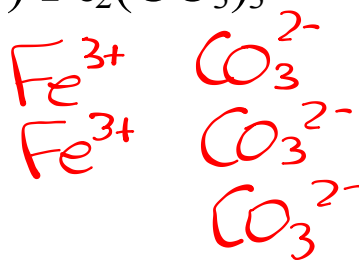
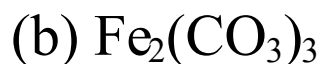


Calcium carbonate

Name the following polyatomic compounds:



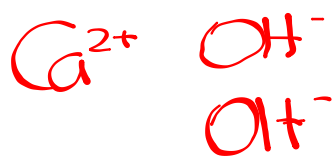
Sodium bicarbonate



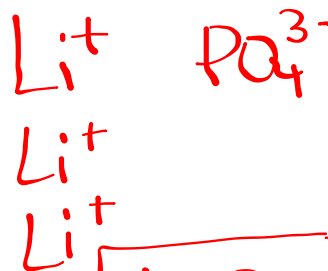
iron(III) carbonate

Write the chemical formula for the following polyatomic compounds:

(c) calcium hydroxide



(d) lithium phosphate



Sheet - Ionic Compounds

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I	II										III	IV	V	VI	VII	VIII	
H																He	
Li	Be										B	C	N	O	F	Ne	
Na	Mg										Al	Si	P	S	Cl	Ar	
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Uun	Uuu	Uub						
			La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
			Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr