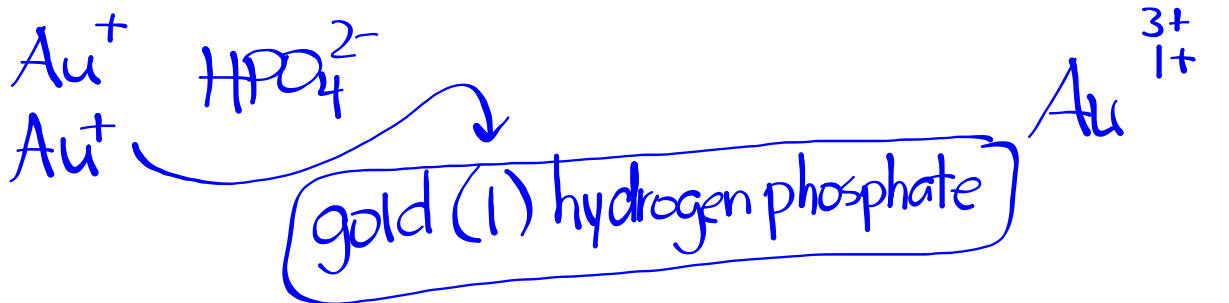
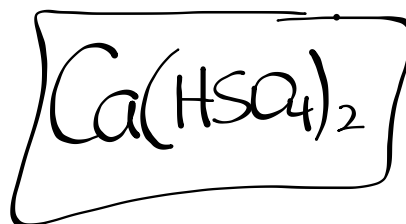
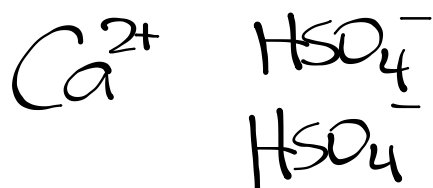


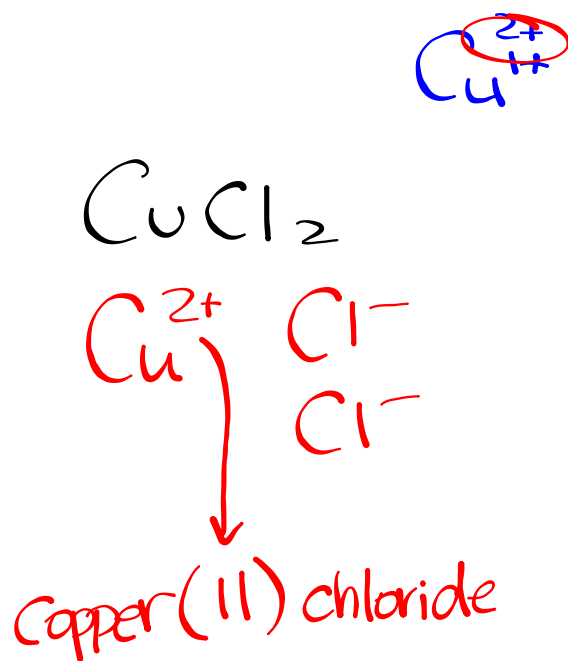
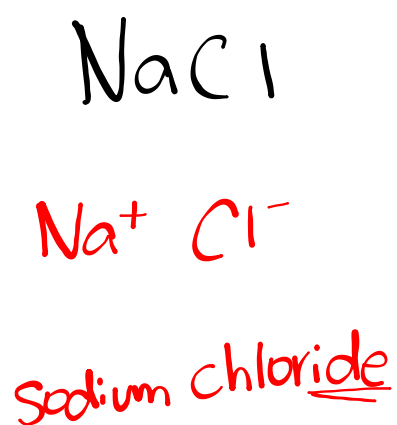
Warm Up

Write the name or formula for the following polyatomic compounds.



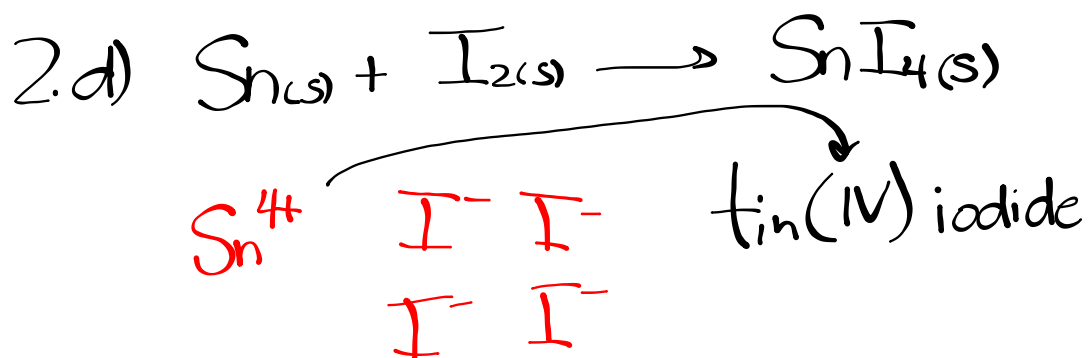
calcium hydrogen sulfate





Sheet - Ionic Compounds

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19. NaCl_2 Correct or incorrect

$\text{Na}^+ \text{Cl}^-$
 Cl^- Only one Cl^- needed to
balance one Na^+ .

Writing Formulas for Polyatomic Ions

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

Ex. CO_3^{2-} carbonate ion

All polyatomic ions can be found with their charges on the back of the periodic table

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

Ex. sodium carbonate

Ex. calcium nitrate

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



Homework

Worksheet - Polyatomic Compounds