

Lesson 14: Nomenclature of Inorganic Compounds

text: 89-90, 110-113, 138-140

know: Common cations and anions -handouts

what to know:

-classification of inorganic compounds, sup-12

-how to write formulas from names and names from formulas for inorganic compounds

Nomenclature Worksheet

<u>Name the following:</u>		
Na ₂ O	FeS	Bi(OH) ₃
N ₂ O ₅	H ₃ PO ₄	KClO
Sn(NO ₃) ₄	Al ₂ S ₃	ZnSO ₃
Hg ₂ Cl ₂	AgC ₂ H ₃ O ₂	(NH ₄) ₂ CO ₃
HBrO ₃	SiCl ₄	H ₂ S
Al ₄ C ₃	Fe(OH) ₂	CsHCO ₃
Co ₂ (Cr ₂ O ₇) ₃	Mg ₃ N ₂	BaHPO ₄
P ₂ O ₃	CrO ₃	Cl ₂ O ₇
Hg(MnO ₄) ₂	H ₂ SO ₄	CaH ₂
Cd(CN) ₂	MnO ₂	CuI ₂
H ₂ SO ₃	CH ₄	Sn(ClO) ₄
NiCrO ₄	CoCO ₃	HI
<u>Write formulas for the following:</u>		
lithium nitrate	nitrogen trichloride	gold (III) fluoride
silicon dioxide	aluminum carbonate	ammonium acetate
cobaltic sulfate	calcium chlorate	antimony (V) hydrogen sulfate
periodic acid	cadmium hydroxide	ferric chloride
ammonium hydrogen sulfite	iodine bromide	magnesium hydroxide
silver bromite	zinc dichromate	stannous oxide
sulfur hexafluoride	nickel nitrite	lead (IV) permanganate
nitrous acid	cuprous sulfide	potassium hydroxide
sodium dihydrogen phosphate	ammonium bicarbonate	carbon disulfide