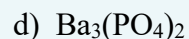
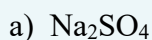


Practice Finding Name and Formula

1. Which of the following are ionic compounds? Which are covalent compounds? Name each compound.

#	Formula	Ionic or Covalent?	NAME
a)	MgF ₂		
b)	CCl ₄		
c)	NaC ₂ H ₃ O ₂		
d)	Fe(NO ₃) ₃		
e)	CoPO ₄		
f)	Al ₂ S ₃		
g)	HCl		
h)	(NH ₄) ₂ CO ₃		

2. Name the following ionic compounds:



3. Give the formulas for the following ionic compounds:

a) aluminum hydroxide

b) iron (III) nitride

c) magnesium phosphate

d) ammonium sulfate

e) silver carbonate

f) manganese (II) nitrate

4. Give the formulas for the following covalent compounds:

a) sulfur trioxide

b) hydrobromic acid

c) carbonic acid

d) dinitrogen tetrachloride

5. Fill in the following table:

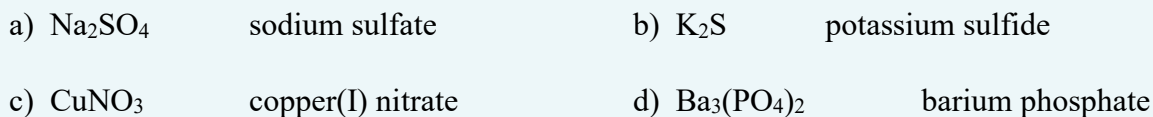
	Name	Formula
1		KCl
2		$\text{Co}(\text{OH})_2$
3		SO_2
4		$\text{Fe}_3(\text{PO}_4)_2$
5		$\text{HC}_2\text{H}_3\text{O}_2$
6		Li_2S
7	ammonium carbonate	
8	dinitrogen tetroxide	
9	silver sulfate	
10	magnesium nitrate	
11	copper(II) bicarbonate	
12	aluminum phosphide	

Answers to Practice Finding Name and Formula

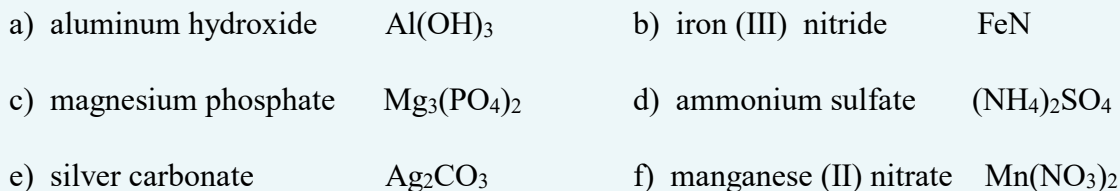
1. Which of the following are ionic compounds? Which are covalent compounds? Name each compound.

#	Formula	Ionic or Covalent?	NAME
a)	MgF ₂	I	magnesium fluoride
b)	CCl ₄	C	carbon tetrachloride
c)	NaC ₂ H ₃ O ₂	I	sodium acetate
d)	Fe(NO ₃) ₃	I	iron (III) nitrate
e)	CoPO ₄	I	cobalt (III) phosphate
f)	Al ₂ S ₃	I	aluminum sulfide
g)	HCl	C	hydrochloric acid
h)	(NH ₄) ₂ CO ₃	I	ammonium carbonate

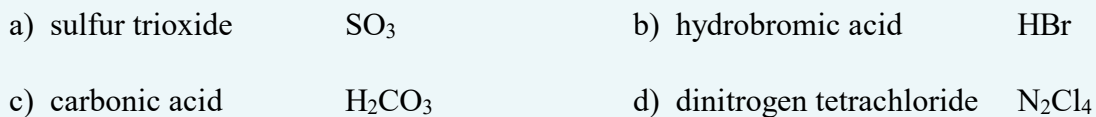
2. Name the following ionic compounds:



3. Give the formulas for the following ionic compounds:



4. Give the formulas for the following covalent compounds:



5. Answers in Red

	Name	Formula
1	Potassium chloride	KCl
2	Cobalt(II) hydroxide	Co(OH) ₂
3	Sulfur dioxide	SO ₂
4	Iron(II) phosphate	Fe ₃ (PO ₄) ₂
5	Acetic acid	HC ₂ H ₃ O ₂
6	Lithium sulfide	Li ₂ S
7	ammonium carbonate	(NH ₄) ₂ CO ₃
8	dinitrogen tetroxide	N ₂ O ₄
9	silver sulfate	Ag ₂ SO ₄
10	magnesium nitrate	Mg(NO ₃) ₂
11	copper(II) bicarbonate	Cu(HCO ₃) ₂
12	aluminum phosphide	AlP