

Ionic Compounds

Formula -> Name (Two Practice Pages)

Name → Formula

Name _____

Directions: Write the correct formula for the following compounds.

Ionic
No Polyatomic Ions
Metal + Monoatomic Anions

- lithium oxide Li_2O
- magnesium chloride MgCl_2
- aluminum sulfide Al_2S_3
- calcium oxide CaO
- iron (II) bromide FeBr_2
- silver fluoride AgF
- potassium nitride K_3N
- barium carbide Ba_2C
- tin oxide *Need charge given for Tin
- nickel (II) phosphide Ni_3P_2
- sodium sulfide Na_2S
- cadmium chloride CdCl_2
- cobalt (II) iodide CoI_2
- cesium nitride Cs_3N
- gold (I) oxide Au_2O
- gallium carbide Ga_4C_3
- magnesium bromide MgBr_2
- francium sulfide Fr_2S
- potassium chloride KCl
- lithium hydride LiH

Formula \rightarrow Name

Name _____

Directions: Write the correct name for the following compounds.

1. Na_2SO_4 Sodium Sulfate
2. $\text{Ca}(\text{NO}_3)_2$ Calcium Nitrate
3. $(\text{NH}_4)_2\text{S}$ Ammonium Sulfide
4. Cu_2CO_3 Copper (I) Carbonate
5. $\text{Cu}(\text{NO}_2)_2$ Copper (II) Nitrite
6. Li_3PO_4 Lithium Phosphate
7. KClO_3 Potassium Chlorate
8. H_2O_2 Hydrogen Peroxide
9. MgSO_3 Magnesium Sulfite
10. $\text{Ba}(\text{OH})_2$ Barium Hydroxide
11. ZnSO_3 Zinc Sulfite
12. $\text{Fe}_2(\text{CrO}_4)_3$ Iron (III) Chromate
13. $\text{FrC}_2\text{H}_3\text{O}_2$ Francium Acetate
14. $\text{Ca}(\text{MnO}_4)_2$ Calcium Permanganate
15. CoIO_3 Cobalt (I) Iodate

Tonic

Metal + Polyatomic Ion

$\text{O}_2^{-2} = \text{Peroxide}$