

More Mixed Naming Fun!

Name these compounds. They may be either ionic or covalent.

- 1) LiOH _____
- 2) PBr₃ _____
- 3) Na₂SO₄ _____
- 4) (NH₄)₂S _____
- 5) CaCO₃ _____
- 6) CF₄ _____
- 7) NaNO₃ _____
- 8) P₂S₃ _____
- 9) Al(NO₃)₃ _____
- 10) Mg(OH)₂ _____

Write the formulas for the following compounds. Remember, they may be either ionic or covalent compounds, so make sure you use the right method!

- 11) potassium oxide _____
- 12) phosphorus tribromide _____
- 13) calcium hydroxide _____
- 14) dinitrogen sulfide _____
- 15) carbon monoxide _____
- 16) diboron tetrahydride _____
- 17) phosphorus pentabromide _____
- 18) sulfur dichloride _____
- 19) sodium carbonate _____
- 20) aluminum acetate _____

More Mixed Naming Fun! - Answers

Name these compounds. They may be either ionic or covalent.

- 1) LiOH **lithium hydroxide**
- 2) PBr_3 **phosphorus tribromide**
- 3) Na_2SO_4 **sodium sulfate**
- 4) $(\text{NH}_4)_2\text{S}$ **ammonium sulfide**
- 5) CaCO_3 **calcium carbonate**
- 6) CF_4 **carbon tetrafluoride**
- 7) NaNO_3 **sodium nitrate**
- 8) P_2S_3 **diphosphorus trisulfide**
- 9) $\text{Al}(\text{NO}_3)_3$ **aluminum nitrate**
- 10) $\text{Mg}(\text{OH})_2$ **magnesium hydroxide**

Write the formulas for the following compounds. Remember, they may be either ionic or covalent compounds, so make sure you use the right method!

- 11) potassium oxide **K_2O**
- 12) phosphorus tribromide **PBr_3**
- 13) calcium hydroxide **$\text{Ca}(\text{OH})_2$**
- 14) dinitrogen sulfide **N_2S**
- 15) carbon monoxide **CO**
- 16) diboron tetrahydride **B_2H_4**
- 17) phosphorus pentabromide **PBr_5**
- 18) sulfur dichloride **SCl_2**
- 19) sodium carbonate **Na_2CO_3**
- 20) aluminum acetate **$\text{Al}(\text{C}_2\text{H}_3\text{O}_2)_3$**