

Naming Mixed Ionic and Covalent - Answers

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

- 1) NaF **sodium fluoride**
- 2) NF₃ **nitrogen trifluoride**
- 3) Li₂O **lithium oxide**
- 4) Al₂S₃ **aluminum sulfide**
- 5) MgSO₄ **magnesium sulfate**
- 6) SiH₄ **silicon tetrahydride**
- 7) KNO₃ **potassium nitrate**
- 8) P₂O₅ **diphosphorus pentoxide**
- 9) CH₄ **methane**
- 10) Ca(OH)₂ **calcium 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) lithium chloride **LiCl**
- 12) nitrogen trichloride **NCl₃**
- 13) sodium oxide **Na₂O**
- 14) dinitrogen trioxide **N₂O₃**
- 15) ammonia **NH₃**
- 16) diboron dihydride **B₂H₂**
- 17) potassium phosphide **K₃P**
- 18) oxygen difluoride **OF₂**
- 19) magnesium nitrate **Mg(NO₃)₂**
- 20) aluminum carbonate **Al₂(CO₃)₃**