

LEWIS STRUCTURES FOR IONIC COMPOUNDS AND MOLECULES, PRACTICE SHEET

Draw Lewis structures for the following compounds and identify whether they are ionic compounds or molecules (circle one).

1. BaO Ionic compound or molecule?

2. BaCl₂ Ionic compound or molecule?

3. CH₄ Ionic compound or molecule?

4. NH₃ Ionic compound or molecule?

5. MgCl₂ Ionic compound or molecule?

6. CO₂ Ionic compound or molecule?

7. C₂H₆ Ionic compound or molecule?

8. F₂ Ionic compound or molecule?

9. HF Ionic compound or molecule?

10. HBr Ionic compound or molecule?

11. SCl₂ Ionic compound or molecule?

12. PH₃ Ionic compound or molecule?

SUPER BONUS! Complete the following Lewis structures (and get them right) to earn personal satisfaction and the admiration of all your peers:)

A. CHCl₃

B. CH₃Br

C. CH₃OH

D. CH₃NH₂

E. POCl₃