

**Determine the name**

- |                              |  |
|------------------------------|--|
| 1. Ba(CN) <sub>2</sub> _____ | 2. NiBr <sub>3</sub> _____   |
| 3. AsO <sub>3</sub> _____    | 4. Na <sub>3</sub> PO <sub>4</sub> _____                               |
| 5. MgS _____                 | 6. (NH <sub>4</sub> ) <sub>2</sub> C <sub>2</sub> O <sub>4</sub> _____ |
| 7. CuCl <sub>2</sub> _____   | 8. NO <sub>2</sub> _____   |
| 9. HNO <sub>2</sub> _____    | 10. Li <sub>2</sub> CO <sub>3</sub> _____                              |
| 11. MnO _____                | 12. HF _____   |
| 13. SF <sub>6</sub> _____    | 14. Ca <sub>3</sub> N <sub>2</sub> · 4 H <sub>2</sub> O _____          |

**Determine the formula**

- |                                     |                                       |
|-------------------------------------|---------------------------------------|
| 15. titanium (IV) carbide _____     | 16. potassium thiosulfate _____       |
| 17. diphosphorus tetraoxide _____   | 18. sodium sulfide _____              |
| 19. stannous chloride _____         | 20. hydrosulfuric acid _____          |
| 21. copper (I) phosphate _____      | 22. magnesium oxide _____             |
| 23. molybdenum (VI) hydroxide _____ | 24. nitrous acid _____                |
| 25. carbon tetrachloride _____      | 26. ferric sulfite pentahydrate _____ |
| 27. niobium (V) chromate _____      | 28. calcium iodide _____              |
| 29. ammonium bisulfate _____        | 30. silicon dioxide _____             |
| 31. potassium phosphide _____       | 32. aluminum bromide _____            |
| 33. ammonium oxide _____            | 34. mercuric sulfate _____            |

**cross-off answers as you get them**

ammonium oxalate   arsenic trioxide   barium cyanide   calcium nitride tetrahydrate   copper (II) chloride  
hydrofluoric acid   lithium carbonate   magnesium sulfide   manganese (II) oxide   nickel (III) bromide  
nitrogen dioxide   nitrous acid   sodium phosphate   sulfur hexafluoride

AlBr<sub>3</sub>   CCl<sub>4</sub>   CaI<sub>2</sub>   Cu<sub>3</sub>PO<sub>4</sub>   H<sub>2</sub>S   HNO<sub>2</sub>   HgSO<sub>4</sub>   Fe<sub>2</sub>(SO<sub>3</sub>)<sub>3</sub> · 5H<sub>2</sub>O   K<sub>3</sub>P   K<sub>2</sub>S<sub>2</sub>O<sub>3</sub>   MgO  
Mo(OH)<sub>6</sub>   Na<sub>2</sub>S   Nb<sub>2</sub>(CrO<sub>4</sub>)<sub>5</sub>   NH<sub>4</sub>HSO<sub>4</sub>   (NH<sub>4</sub>)<sub>2</sub>O   P<sub>2</sub>O<sub>4</sub>   SiO<sub>2</sub>   SnCl<sub>2</sub>   TiC