

Writing and naming chemical formulas

Name the following compounds. Make sure to determine if it is ionic or covalent first...remember if it is ionic it will contain a metal and a nonmetal, but if it is covalent it will only contain nonmetals.

1. NaBr
2. MgCl₂
3. Al₂O₃
4. NaF
5. Li₂S
6. K₃P
7. Ba₃N₂
8. CaI₂
9. Fe₂O₃
10. RbCl
11. CO
12. CO₂
13. PCl₃
14. SO₂
15. CCl₄
16. N₂O₅
17. H₂O

Write the correct formula for the following names.

18. Carbon tetrachloride
19. Magnesium chloride
20. Aluminum Sulfide
21. Iron (III) oxide
22. Calcium Iodide
23. Lithium nitride
24. Dinitrogen trioxide
25. Diphosphorus pentoxide
26. Strontium phosphide
27. Barium nitride
28. Potassium oxide
29. Silicon dioxide
30. Lithium flouride