

Naming Covalent Compounds

Part 1

Write the formula for each of the following covalent compounds.

1. antimony tribromide _____
2. hexaboron silicide _____
3. chlorine dioxide _____
4. hydrogen iodide _____
5. iodine pentafluoride _____
6. dinitrogen trioxide _____
7. ammonia _____
8. phosphorus triiodide _____
9. phosphorus trichloride _____
10. dinitrogen pentoxide _____
11. nitrogen triiodide _____
12. sulfur tetrabromide _____
13. selenium hexachloride _____
14. nitrogen monoxide _____
15. sulfur dioxide _____
16. boron trifluoride _____
17. carbon tetrachloride _____
18. arsenic pentabromide _____
19. phosphorus pentachloride _____
20. sulfur hexafluoride _____

Part 2

Name each of the following covalent compounds.

21. P_4S_5 _____22. O_2 _____23. SeF_6 _____24. Si_2Br_6 _____25. SCl_4 _____26. CH_4 _____27. B_2Si _____28. NF_3 _____29. CO _____30. CO_2 _____31. N_2O _____32. NO_2 _____33. CF_4 _____34. BCl_3 _____35. PCl_5 _____36. SF_6 _____37. S_2O_3 _____38. N_2O_4 _____39. CCl_4 _____40. OCl_2 _____