

Nomenclature Worksheet 3 – Covalent (Molecular) Compounds

Part A: Name the following covalent compounds.

1. CO _____
2. CO₂ _____
3. N₂O₃ _____
4. N₂ _____
5. NP _____
6. SCl₂ _____
7. P₂O₅ _____
8. NBr₃ _____
9. Cl₄ _____
10. CCl₄ _____
11. PF₅ _____
12. PF₃ _____
13. OS _____
14. SeF₂ _____
15. TeBr₂ _____
16. P₂S₅ _____
17. C₃N₄ _____
18. F₂ _____
19. CH₄ _____
20. PH₃ _____

Part B: Write the Chemical Formula for each of the following compounds.

1. carbon tetrafluoride _____
2. silicon dioxide _____
3. dinitrogen trisulfide _____
4. phosphorus mononitride _____
5. hydrogen gas _____
6. carbon disulfide _____
7. nitrogen trichloride _____
8. silicon tetrabromide _____
9. carbon dioxide _____
10. nitrogen trifluoride _____
11. boron trisulfide _____
12. sulphur trioxide _____
13. selenium tetrafluoride _____
14. diphosphorus pentasulfide _____
15. xenon tetrafluoride _____
16. sulfur dibromide _____
17. carbon tetrachloride _____
18. oxygen gas _____
19. fluorine gas _____
20. dinitrogen tetroxide _____