

**Nomenclature Worksheet 3 – Covalent (Molecular) Compounds**

**Part A: Name the following covalent compounds.**

1. CO \_\_\_\_\_
2. CO<sub>2</sub> \_\_\_\_\_
3. N<sub>2</sub>O<sub>3</sub> \_\_\_\_\_
4. N<sub>2</sub> \_\_\_\_\_
5. NP \_\_\_\_\_
6. SCl<sub>2</sub> \_\_\_\_\_
7. P<sub>2</sub>O<sub>5</sub> \_\_\_\_\_
8. NBr<sub>3</sub> \_\_\_\_\_
9. Cl<sub>4</sub> \_\_\_\_\_
10. CCl<sub>4</sub> \_\_\_\_\_
11. PF<sub>5</sub> \_\_\_\_\_
12. PF<sub>3</sub> \_\_\_\_\_
13. OS \_\_\_\_\_
14. SeF<sub>2</sub> \_\_\_\_\_
15. TeBr<sub>2</sub> \_\_\_\_\_
16. P<sub>2</sub>S<sub>5</sub> \_\_\_\_\_
17. C<sub>3</sub>N<sub>4</sub> \_\_\_\_\_
18. F<sub>2</sub> \_\_\_\_\_
19. CH<sub>4</sub> \_\_\_\_\_
20. PH<sub>3</sub> \_\_\_\_\_

**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 \_\_\_\_\_