

Name: \_\_\_\_\_  
Hour: \_\_\_\_\_ Date: \_\_\_\_\_

### WS 4.35

### Chemistry: Covalent Binary Compounds: Nonmetal–Nonmetal Combinations

Write the name of each of the following compounds.

- |  |           |
|--|-----------|
| 1. HF (aq)                                     | 1. _____  |
| 2. H <sub>2</sub> S (aq)                       | 2. _____  |
| 3. NO  | 3. _____  |
| 4. N <sub>2</sub> O                            | 4. _____  |
| 5. NO <sub>2</sub>                             | 5. _____  |
| 6. N <sub>2</sub> O <sub>5</sub>               | 6. _____  |
| 7. SO <sub>2</sub>                             | 7. _____  |
| 8. CBr <sub>4</sub>                            | 8. _____  |
| 9. C <sub>2</sub> H <sub>6</sub> (two names)   | 9. _____  |
| 10. C <sub>4</sub> H <sub>10</sub> (two names) | 10. _____ |

Write the chemical formula for each of the given names.

- |                            |           |
|----------------------------|-----------|
| 11. nitrogen triiodide     | 11. _____ |
| 12. dinitrogen tetroxide   | 12. _____ |
| 13. sulfur trioxide        | 13. _____ |
| 14. carbon monoxide        | 14. _____ |
| 15. dihydrogen monoxide    | 15. _____ |
| 16. hydrogen monobromide   | 16. _____ |
| 17. phosphorus trichloride | 17. _____ |
| 18. tricarbon octahydride  | 18. _____ |
| 19. carbon tetrahydride    | 19. _____ |
| 20. dicarbon tetrahydride  | 20. _____ |