Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Build a Molecule Post-Lab**

**1.** We use chemical formulas to represent individual molecules and groups of molecules. Write the chemical formula below each molecule or groups of molecules.

a. 

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b. 

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2. Try it!**

|  |  |
| --- | --- |
| 1. Draw 2CO2
 |  |
| 1. Draw 3H2O
 |  |
| 1. Draw 4N2
 |  |
| 1. Draw 2NH3
 |  |

**3. Molecule Names vs. Chemical Formulas**

1. Give an example of a molecule name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Give an example of a chemical formula: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What is the difference between a molecule name and a chemical formula? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_