Build a Molecule Pre-lab Name: \_\_\_\_\_\_\_\_\_\_\_

**Using the atoms in the cups below**: 

1. How would you build a **carbon monoxide** molecule?
2. How would you build a **carbon dioxide** molecule**?**
3. What is the difference between the **carbon dioxide** molecule and the **carbon monoxide** molecule? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**In two (2) molecules of ammonia – chemical formula = 2NH3:**

1. How many nitrogen atoms are in there? \_\_\_\_\_\_\_\_\_\_\_\_\_
2. How many hydrogen atoms are there? \_\_\_\_\_\_\_\_\_\_\_\_