**Gum-drop Models**

Your teacher will assign you two different chemical formulas. For each formula, first, state which color of gumdrop represents which element. Then, construct your model. If a bond is polar, use a yellow toothpick as the bond. If a bond is nonpolar, use a blue toothpick as the bond. Determine whether the entire molecule is polar or nonpolar. Show your model to your teacher when you finish.

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| Formula: |
| Lewis structure:    |
| Gum dropsColor Element Electronegativity    |
| Place your model in this box.  |
| Does the molecule have polar bonds? If yes, which ones?   |
| Does the molecule have lone pairs on the center atom?  |
| If there are polar bonds and/or lone pairs, are they symmetric? |
| Is the molecule polar or nonpolar? |