|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Compound | Structure | Resonance Structure (if necessary) | Shape of Structure  | Sigma and Pi Bonds |
| **H2O** |  |  |  |  |
| **CCl4** |  |  |  |  |
| **CO3-2** |  |  |  |  |
| **H3O+1** |  |  |  |  |
| **SO3** |  |  |  |  |
| **NO3-1** |  |  |  |  |
| **PO4-3** |  |  |  |  |
| **PCl3** |  |  |  |  |
| **CO2** |  |  |  |  |
| **H2CO** |  |  |  |  |
| **N2O** |  |  |  |  |

Covalent Bonding Homework 3

Find the chemical formula for the following:

Dichlorine Heptoxide Carbon Tetrachloride Potassium Sulfate

Copper (II) Nitrate Phosphorus Pentabromide Magnesium Hydroxide