SCH 3UI Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Covalent Compounds Practice Quiz**

1. What is an ionic bond?
2. What is a covalent bond?
3. Complete the following table by drawing Lewis structures. (25 marks)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Molecule** | HBr | SiO2 | CCl4 | NH3 | H2S |
| **Rough**  **Work** |  |  |  |  |  |
| **Lewis**  **Structure** |  |  |  |  |  |
| **Lewis**  **Structure**  **With Proper Shape**  (Add Bond and Overall Dipoles) |  |  |  |  |  |
| **Shape** |  |  |  |  |  |
| **Bonds**  **polar/nonpolar** |  |  |  |  |  |
| **Molecule**  **polar/nonpolar** |  |  |  |  |  |