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** |  |  |  |  |  |