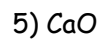
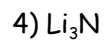


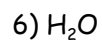
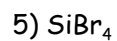
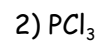
**Lewis Dot Structures**

Name: \_\_\_\_\_

Part 1: Draw the ionic bonds between the following pairs of atoms.



Part 2: Draw the covalent bonds for the following pair of atoms.



## Lewis Dot Structures

Name: \_\_\_\_\_

### Ionic and Covalent Bonds

Ionic bonds involve the transfer of electrons and form ionic compounds. Covalent bonds involve the sharing of electrons and form molecular compounds. Identify the following as having either ionic or bonds. Draw the Lewis Dot diagram for the compounds, then the Structural diagram

Compound	Type of Bonds	Lewis Dot	Structural
1) $CS_2$			
2) $AlF_3$			
3) $CaBr_2$			
4) $BeO$			
5) $H_2S$			
6) $AsCl_3$			
7) $CH_4$			
8) $SiO_2$			
9) $Na_2O$			
10) $K_3P$			