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

Period: 1 2 3 4 5 6

**Covalent and Ionic Review**

**Part A**: *Determine whether the compound is ionic or covalent.*

1. Chromium (II) oxide
2. Lithium sulfide
3. CH4
4. AlCl3
5. Nitrogen dioxide
6. MgF2
7. P2S3
8. Diphosphorus monoxide

**Part B**: *Convert the compounds from either name to formula or from formula to name.*

1. Chromium (II) oxide
2. Lithium sulfide
3. CH4
4. AlCl3
5. Nitrogen dioxide
6. MgF2
7. P2S3
8. Diphosphorus monoxide

**Part C**: *Draw the Lewis Structures for the compounds below:*

1. PCl3
2. CF4
3. SBr2
4. H2O