**Basic Ionic and Covalent Bonding** Name:

1. Draw Lewis Dot structures for the following elements.

1. Sb 2. In 3. O 4. Ga

5. Ca 6. K 7. Ba 8. Si

9. Cs 10. Se 11. Te 12. P

2. Ionic bonds are normally formed between metals and non-metals. Covalent bonds are normally formed between two non-metals. State the type of bond that is most likely between the given elements. Draw the bonds.

1. Na & I 2. S & O 3. K & Br 4. Ba & O

5. Ba & F 6. N & O 7. N & N 8. K & O

3. A. Draw the Lewis Dot Structure for O2.

B. How many pairs of electrons are being shared between the oxygen atoms?

4. Draw the Lewis dot structures for the following compounds.

H2S HBr

CI4 CSe2