

Assignment _____ Name _____ Hour _____

Covalent Bonding Worksheet 1

1. Read Chapter 9, Section 1 pages 240-247.
2. Define the following terms:
Covalent Bond:

Structural Formula:

Double Covalent Bond:

Triple Covalent Bond:
3. Answer question 72 on page 272.
4. Answer question 73 on page 272.
5. Answer question 74 on page 272.
6. Draw an orbital notation for a **fluorine molecule**.
7. Draw an electron dot notation for a **fluorine molecule**.
8. Draw the structural formula for a **fluorine molecule**.
9. The molecular formula for a **fluorine molecule** is _____.
10. Draw an orbital notation for an **iodine molecule**.
11. Draw an electron dot notation for an **iodine molecule**.
12. Draw the structural formula for an **iodine molecule**.
13. The molecular formula for an **iodine molecule** is _____.