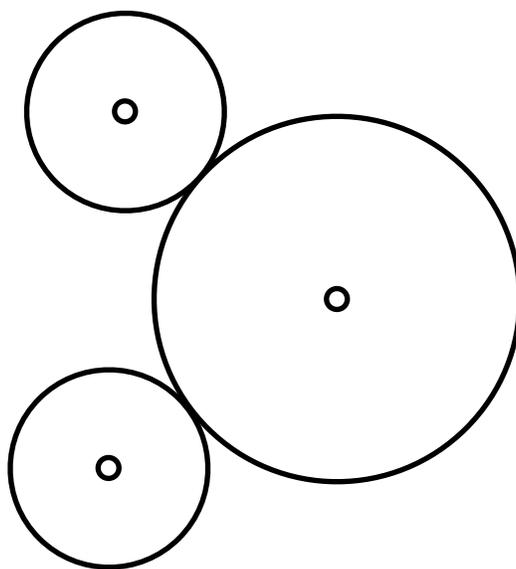


## Bonding Introduction Notes Page



### **Metal with a Non-Metal**

- Ionic Bonding
  - A \_\_\_\_\_ non-metal steals electrons from a \_\_\_\_\_ metal
  - \_\_\_\_\_ are formed
  - These ions then attract to form a \_\_\_\_\_
    - A compound which contains \_\_\_\_\_

### **Non-Metal with a Non-Metal**

- Covalent Bonding
  - Bonds formed by the \_\_\_\_\_ of valence electrons
- Non-Polar Covalent Bonding
  - Two atoms of the \_\_\_\_\_
  - \_\_\_\_\_ Sharing
  - Forms \_\_\_\_\_
- Polar Covalent Bonding
  - \_\_\_\_\_ non-metals close enough in strength that they share
  - This sharing is \_\_\_\_\_ - creates \_\_\_\_\_
    - Partial charge on a bond caused by unequal sharing
  - Forms \_\_\_\_\_

## Metal with Metal

\_\_\_\_\_ of \_\_\_\_\_

<u>Type of Bond</u>	<u>Formed By</u>	<u>Mode of Formation</u>	<u>Properties</u>