

Unit 5: WS #2  
Pg 413-

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

Per: \_\_\_\_\_

What is a Lewis structure:

What is a valence electron?

In an Dot diagram of an Ionic molecule like KBr (pg 413) How many dots representing electrons are associated with the K ? \_\_\_\_\_ What is K's charge? \_\_\_\_\_

How many dots associated with the Br? \_\_\_\_\_ What is the charge of Br ? \_\_\_\_\_

What is the Duet rule & what chemicals does it apply to?

What is the Octet rule and what chemicals does it apply to?

Define **Bonding pair**:

**Lone pair (unshared pair)**

**Write the steps for writing Lewis Structures**

**1**

**2**

**3**

**Define and draw a picture of the following.**

**Single bond**

**Double bond**

**Triple bond**

**Define Resonance and draw an example**

**Draw Lewis Diagrams for the chemicals listed in the yellow box on page 421**

**A**

**B**

**C**

**D**

**E**

