


Tuesday, March 31/15  
Science 122


 <http://mvhs-sherrard.weebly.com/>

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1. Test - Optics -> Today

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Tuesday, March 31/15  
Physics 122/121

 <http://mvhs-sherrard.weebly.com/>

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1. Test: Unit 1 - Tuesday, April 7/15
  2. Projectiles Fired Horizontally - Example -> Complete  
- Text: Page 536, PP #1-8 -> HW
  3. ICA: 1D and 2D Collisions - Today -> 40 minutes
- 



Tuesday, March 31/15  
Science 10

IS - Wednesday  

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Article - Amphibians

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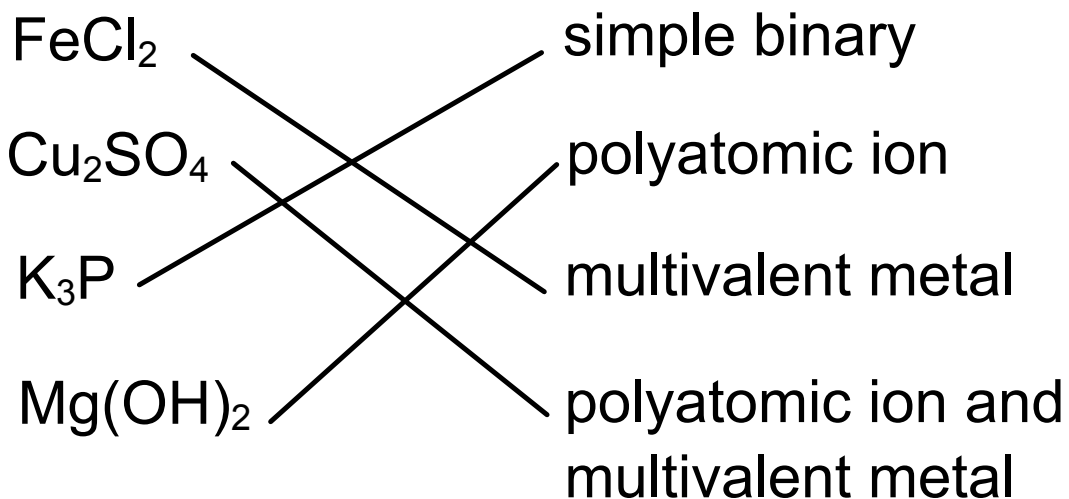
Quiz - Thursday - Ionic Compounds

1. Formative Assessment: Ionic Compounds
  2. Check:
    - Worksheet #4 - Ionic Compounds Containing Multivalent Metals
    - Worksheet #5 - Ionic Compounds Summary
  3. Covalent Bonds and Molecular Compounds
  4. Diatomic Molecules
  5. Naming Binary Molecular Compounds - To Be Continued
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6. Worksheet #6
  7. Worksheet - Mixed Ionic and Covalent Compounds #1 - Optional  
Worksheet - Mixed Ionic and Covalent Compounds #2 - Optional
  8. Chapter 6 - Understanding Chemical Reactions
  9. Counting Atoms
  10. Conserving Mass
  11. Types of Chemical Reactions
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## Formative Assessment - Ionic Compounds

March 31/15

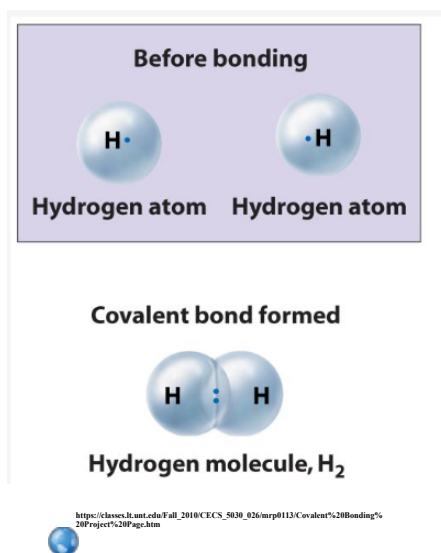
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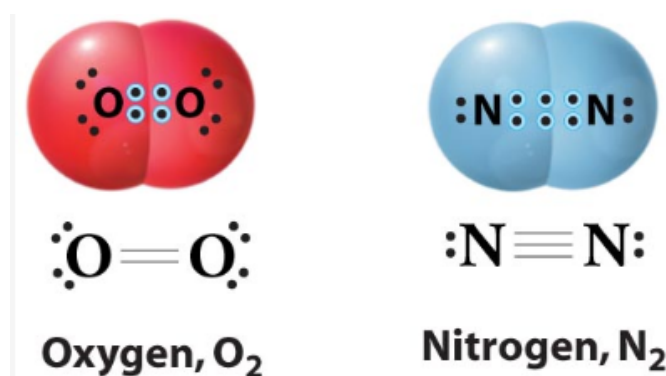
## Covalent Bond

A covalent bond is a chemical bond that involves the sharing of **one or more electron pairs** between two nonmetals or between a nonmetal and a metalloid. Two or more atoms held together by covalent bonds are called molecular compounds or molecules.

*covalent compounds*

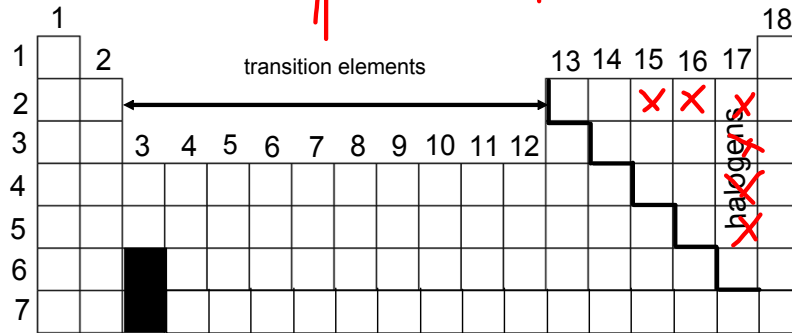


The Hindenburg was an airship or "air blimp" that was filled with the highly flammable and combustible hydrogen gas, rather than an inert, non-flammable gas, such as, helium.



# Diatomic Molecules

2 || N<sub>2</sub>, O<sub>2</sub>, F<sub>2</sub>, Cl<sub>2</sub>, Br<sub>2</sub>, I<sub>2</sub>



6																	
7																	

## Other Special Molecules

molecular phosphorous -> P<sub>4</sub>

molecular sulfur -> S<sub>8</sub>

### NOTE:

element symbol	ion symbol	molecule
F	F <sup>-</sup>	F <sub>2</sub>
S	S <sup>2-</sup>	S <sub>8</sub>





