


Thursday, April 16/15
Science 122

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

1. Questions?

Worksheet: Fluids - The Equation of Continuity

Cutnell - Page 332 #56, 57, 58, 59

Worksheet - Fluids - Continuity and Bernoulli's Equations


Worksheet - Fluids - Continuity and Bernoulli's Equations #2

2. **Test - Fluid Mechanics: *Moved from Friday to Monday.**

3. Topic 5 - Nuclear Physics



Thursday, April 16/15
Physics 122/121

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1. Rewrites: Quiz U2-S1
 2. Questions?
Worksheet - Circular Motion
Worksheet - Unbanked and Banked Curve Problems
 3. Chapter 12 - Universal Gravitation
 4. Theories of Planetary Motion
 5. Kepler's Three Laws of Planetary Motion - To Be Continued
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Thursday, April 16/15
Science 10

1. Quiz - **Monday** - Will be omitting -> Predicting Products
 2. Lab - Types of Reactions
 3. Worksheets
-

Quiz - Compounds and Reactions

1. Be able to identify ionic and molecular compounds. → or covalent

ionic compounds - generally begins with a metal



-> simple binary

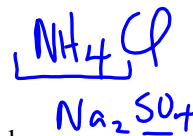
-> involving polyatomic ions

-> involving multivalent metals

(roman numerals 1 to 10 required) ←

-> involving polyatomic ions and

multivalent metals



molecular compounds - begin with a nonmetal or metalloid

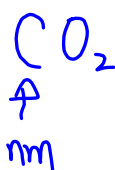
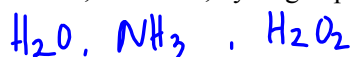
-> binary

-> prefixes 1-10

-> diatomic molecules (hydrogen, nitrogen, oxygen, fluorine, chlorine, bromine and iodine)

-> S₈, P₄

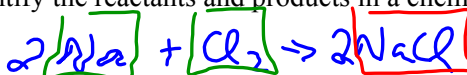
-> water, ammonia, hydrogen peroxide



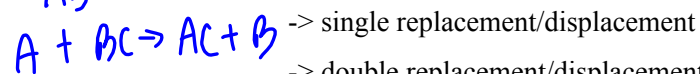
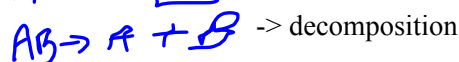
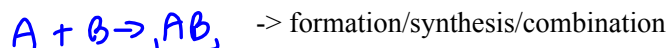
2. Be able to write the names and chemical formulas for ionic and molecular compounds.



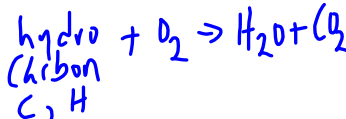
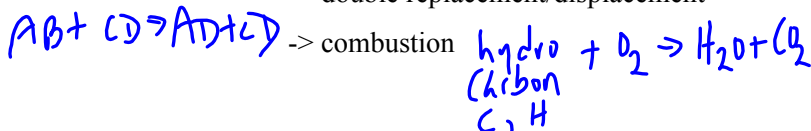
3. Be able to identify the reactants and products in a chemical reaction.



4. Be able to identify the five reaction types.



-> double replacement/displacement



5. Be able to balance chemical reactions.

6. Be able to predict the products of chemical reactions.

You'll need your 2 periodic tables.