



Friday, April 17/15
Science 122

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

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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
 4. Review - Atoms and Isotopes
 5. Radioactive Decay (Alpha, Beta, Gamma) - To Be Continued
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Friday, April 17/15
Physics 122/121

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1. Rewrites: Quiz U2-S1
 2. Questions?
Worksheet - Circular Motion
Worksheet - Unbanked and Banked Curve Problems
 3. [Worksheet - Kepler's Laws - HW](#)

4. Experiment 8.1 - Kepler's Laws - Page 49



Friday, April 17/15
Science 10

1. Quiz - Monday
 2. Lab - Types of Reactions -> Complete
 - > One Report Per Group
 - > Due: Monday, April 18/15
 3. Practice Quiz and Answer Key
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Quiz - Compounds and Reactions

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

ionic compounds - generally begins with a metal



-> simple binary

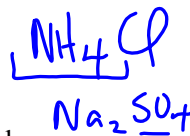
-> involving polyatomic ions

-> involving multivalent metals

(Roman numerals 1 to 10 required) ←

-> involving polyatomic ions and

multivalent metals



molecular compounds - begin with a nonmetal or metalloid

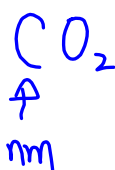
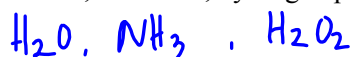
-> binary

-> prefixes 1-10

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

-> S₈, P₄

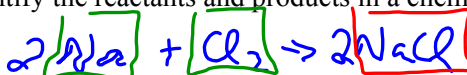
-> water, ammonia, hydrogen peroxide



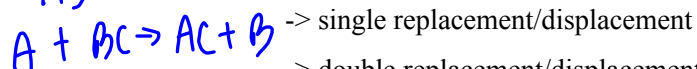
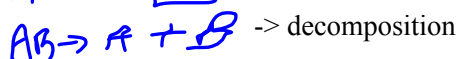
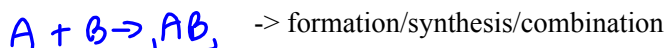
2. Be able to write the names and chemical formulas for ionic and molecular compounds.



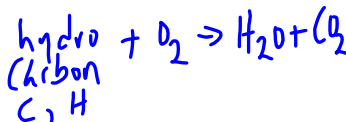
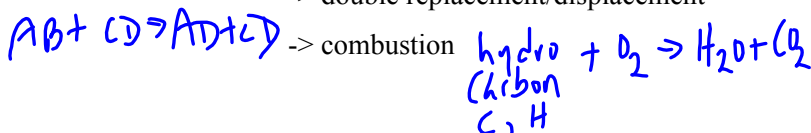
3. Be able to identify the reactants and products in a chemical reaction.



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.