Science 10

Tuesday, March 28/17

- http://mvhs.nbed.nb.ca/
 http://mvhs-sherrard.weebly.com/
- 1. Chemistry Test -> ____ Thursday, March 30/17
- 2. Check -> Worksheet: Combustion Reactions
- 3. Handout Chemical Reactions (5)
- 4. Worksheet: Identifying Reaction Types HW
- 5. Review for Chemistry Test To Be Continued in Class Tomorrow

$$\frac{(1/4)}{-(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{1}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{2}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{2}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{2}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{2}{2} \cdot 0_2)$$

$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{2}{2} \cdot 0_2)$$

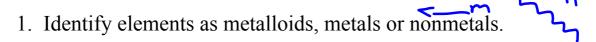
$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{2}{2} \cdot 0_2)$$

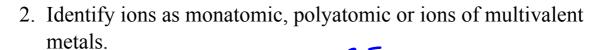
$$\frac{(1/4)}{(1/4)} + \frac{2}{2} \cdot 0_2 \Rightarrow -(0_2 + \frac{2}{2} + \frac{$$

3.
$$-\frac{c_3H_8+2U_2+\frac{3}{2}(o_2+\frac{1}{2}H_2)}{c=1\times\frac{3}{2}=3}$$

 $+\frac{3}{2}$
 $+\frac{$

Chemistry Test -> Topics

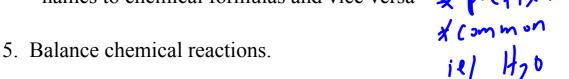






- transfer of electrons
- names to chemical formulas and vice versa

- sharing of electrons
- names to chemical formulas and vice versa



- 6. Identify types of chemical reactions:
 - formation
 - decomposition
 - single replacement
 - double replacement
 - combustion

Physics 112

Tuesday, March 28/17

http://mvhs.nbed.nb.ca/
http://mvhs-sherrard.weebly.com/

Midterm - Friday, April 7/17

- 1. SA U1: S2 & 3 -> 2nd Attempt to get to 60% Thursday at Noon
- 2. Free Body Diagrams (FBDs) Continue
- 3. Worksheet Drawing FBDs HW
- 4. Next SA U2 S1: Types of Forces and FBDs TBA
- 5. Concept: U2-S2 Newton's Laws of Motion
- 6. Inertia
- 7. Newton's 1st Law: Law of Inertia
- 8. First Law Problems
- 9. Worksheets -> C4 P151: PFU #26-28, 30-32, 34 -> C4 Introducing Forces Extra Practice
- 10. Newton's 2nd Law: Law of F, m and a
- 11. Second Law Problems

- 1. 3.0mls, W
- 2. 6.0m/5 3. 1.0m/5, E 8. 0.52m/5, W
- 4. t=125
- 1. 3.6m/3

- 9. West

- 1. V; =47.6m/5
- 2. G=159m/5, E 3. d=0.78m

 - 7. vf = 3.8m/s. N

Physics 122

Tuesday, March 28/17

http://mvhs.nbed.nb.ca/ http://mvhs-sherrard.weebly.com/

Midterm - Wednesday, April 5/17

- 1. Return -> FA Relative Velocity
- 2. Collisions and Explosions in One Dimension Continue
- 3. Worksheet: Momentum Collisions in 1D HW
- 4. Types of Collisions
- 5. Worksheet: Collisions Elastic and Inelastic

Formative Assessment - Relative Velocity

A catamaran whose speed in stillwater is 5.0 m/s heads west across anestuary. The current is 2.5 m/s south.

- a) What is the velocity of the catamaran relative to the shore?
- b) If the estuary is 2395 m wide, how long does it take the catamaran to cross the estuary?



