

CRUNCH TIME!

NAME

Class Work

6/9/14

## Regents Review Day #8

SPARK (Submit me annotations and MC work!)

On a sheet of loose leaf, respond to the following:

- Why is it important to learn chemistry?
- How has that view changed over the course of the year?

## Objective

SWBAT review for the Regents!

# Agenda:

- SPARK/Objective
- PRACTICE!



# Multiple Choice Practice

- Complete Set #6 for multiple choice Regents questions. When you are finished check your answers, try to figure out why your answer is incorrect.
- When you are finished with this, rewrite your answers to questions #13-15.

# Mini Review

- MATTER
  - Solid particles = low temp., don't move much
  - Liquid particle = more KE, move slightly
  - Gas Particles = high KE, fly around everywhere!
  - In order for an electric current to exist, there must be a constant flow of electrons.
- Complete #16 from your “In Terms Of” worksheet on a sheet of loose leaf!

# Mini Review

- Organic Chemistry
  - Saturated = SINGLE bonds
  - Unsaturated = DOUBLE bonds
- Complete #17 from your “In Terms Of” worksheet on a sheet of loose leaf!

# Mini Review

- Organic Chemistry
  - Collision theory: effective collisions, proper orientation
  - Higher temperature = particles moving around more = more likely to collide
- Complete #18 from your “In Terms Of” worksheet on a sheet of loose leaf!

# Mini Review

- Gases
  - As the temperature increases, molecules have more energy
  - More energy means they can break out of liquid phase and become a gas
  - Boiling is when vapor pressure = atmospheric pressure
- **Complete #19 from your “In Terms Of” worksheet on a sheet of loose leaf!**

# Mini Review

- Gases
  - Homogeneous = all particles **fully distributed, uniformly mixed**
  - Heterogeneous = particles are settled on the bottom of the beaker (you can see the different components of the mixture!)
- Complete #20 from your “In Terms Of” worksheet on a sheet of loose leaf!



# Mini Review

- Chemical Reactions
  - Higher on Table J = MORE REACTIVE
  - Lower on Table J = LESS REACTIVE
- Complete #21 from your “In Terms Of” worksheet on a sheet of loose leaf!

# Mini Review

- Chemical Reactions
  - Neutral means Protons = Electrons
  - When an atom is excited, electrons are NOT gained or lost!
- Complete #22 from your “In Terms Of” worksheet on a sheet of loose leaf!

# Mini Review

- Gases
  - Higher Vapor Pressure = boils (or evaporates) faster
  - Weak Intermolecular Forces = wants to be a gas more!
- Complete #23 from your “In Terms Of” worksheet on a sheet of loose leaf!

# Homework

- **SPEND at least 30 minutes on [regentsprep.org](http://regentsprep.org) quizzing yourself on any topic!**
- **Write answers to #16-23**
- **Annotate #24-26 on your In Terms Of packet**
- **Complete the OPEN RESPONSE from the June 2012 test in your green book and complete test corrections on the questions you get wrong!**

# REMINDER

- Save the date- Saturday, June 21<sup>st</sup>
  - 10:30AM-12:30PM I will be at the Brooklyn Library at Grand Army Plaza
  - Walk straight when you enter the main doors and I will be in Room 7 in the back!