CRUNCH TIME! Class Work

NAME 6/9/14

Regents Review Day #8

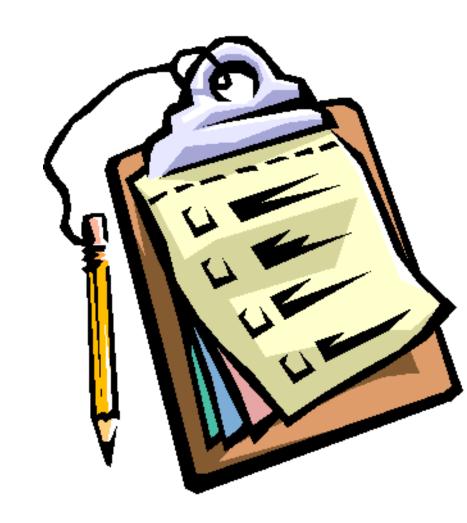
SPARK (Submit me annotations and MC work!)
On a sheet of loose leaf, respond to the following:

- 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.

- 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!

- Organic Chemistry
 - Saturated = SINGLE bonds
 - Unsaturated = DOUBLE bonds

 Complete #17 from your "In Terms Of" worksheet on a sheet of loose leaf!

- 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!

- 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!

- 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!

- 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!

- 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!

- 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 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!

Objective: SWBAT review for the Regents Exam!

REMINDER

- Save the date- Saturday, June 21st
 - 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!