## September 23rd, 2015 Physical Science (Day #20) 1. Redo the Counting Atoms in a chemical formula QUIZ & the MATH Problems for this chapter 2. Go through the C254 Notes-Fill in the Blank Outline (5 points Done/Not Done) 3. C252 & C253 Quiz 4. Assignment - Chapter 2 Study Guide

Aug 31-10:23 PM

**Counting Atoms** 

- \* How many different types of atom are in each molecule?
- \* How many atoms are there of the different types?

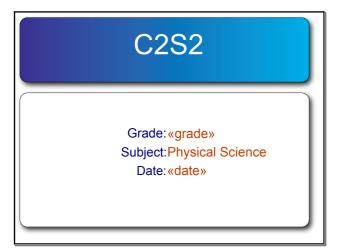
Fe<sub>6</sub> O<sub>2</sub>

5 C<sub>7</sub>F<sub>3</sub>

Volume: An object has a length of 14 cm, a width of 10 cm, and height of 3 cm. What is the volume of this object?

Density: A sample of iron has a mass of 2,300 grams, and volume of 23 cm³. What is the Density of the piece of Iron?

Sep 17-12:47 PM



1 Your \_\_\_\_\_ is a measure of the force of gravity on you.

A weight
B mass

Sep 11-10:09 AM

Sep 11-9:59 AM

- 2 The amount of space that matter occupies is called its \_\_\_\_\_.
  - A volume
  - B density
  - C mass

3 The formula for DENSITY is.... Density = mass/volume.

True False

Sep 11-10:06 AM Sep 11-10:07 AM

4 What is the density of water? (This number determines whether or not an object sinks or floats.)	

- 5 The fact that matter is not created or destroyed in any chemical or physical change is called\_
  - A chemical change
  - B physical change
  - C law of conservation of matter

Sep 11-10:09 AM

Sep 12-8:41 AM

- 6 A change in matter that produces one or more new substances is called a A Physical Change

  - **B** Chemical Change

is the ability to do work or cause change.

- A endothemic
- B exothemic
- C energy
- D temperature

Sep 12-8:44 AM

Sep 12-8:45 AM

\_ change is a change where energy is taken in. A thermal B endothermic C exothermic D energy