

Chem 107

Fall 2014

Review Session 1

9/10/14

Review Format

- Practice problems!!!
- Q/A
- Identification of trouble areas for focus at review

Topics for Today:

- Physical versus Chemical Properties
- The Periodic Table
- Element Composition
- Atomic Mass
- Ions
- Naming Covalent and Ionic Compounds
- Balancing Combustion Reactions

Physical Properties versus Chemical Properties

1. Boiling Point
2. Density
3. Malleability
4. Solubility
5. Smell
6. Blue color
7. Flammability
8. Can neutralize an acid
9. Supports combustion
10. Size
11. Hardness
12. Conductivity
13. Magnetism
14. Viscosity