

Unit 8: Solutions

Chemistry Work Due on Test Day

1. Homework Packet

- a. Making a Solution and Calculating its Concentration WS
- b. Molarity and Dilutions WS
- c. Solutions WS (omit electrolyte section)
- d. pH Calculations HW WS (half-sheet with work attached)
- e. Study Guide

2. Titration Lab with pre-lab attached

3. Warm-Up Notebook

- a. Warm-Ups #47 – 50 (50 will be given on test day)
- b. Make corrections
- c. Answer keys are online

Solutions Test Topics

1. Solution terminology (solute, solvent, solution, solubility, saturated, unsaturated, supersaturated, dilute, concentrated, molarity)
2. Solubility curves
3. Be able to predict if a substance will dissolve in a given solvent
4. Electrolytes
5. Be able to describe factors that increase the speed of dissolving
6. Be able to describe how dissolving a solute affects boiling point and freezing point of water
7. Naming/formula writing of acids and bases
8. Writing balanced equations of acid/base (neutralization) reactions
9. Molarity and dilution calculations
10. pH calculations