

Holey Moley HW

Read and outline (Cornell style) **Section 15.2** in your chemistry textbook. ****Your section outlines must be at least ½ page and have 3-4 topic questions.**** Then answer the following assessment questions:

1. Distinguish between a dilute solution and a concentrated solution.
2. What is the molarity of an aqueous solution containing 40.0 g of glucose ($\text{C}_6\text{H}_{12}\text{O}_6$) in 1.5L of solution?
3. What is the molarity of a bleach solution containing 9.5 g of NaOCl per liter of bleach?
4. How many grams of CaCl_2 would be dissolved in 1.0L of a 0.10M solution of CaCl_2 ?
5. How many grams of NaOH are in 250mL of a 3.0M NaOH solution?
6. What volume of a 3.00M KI stock solution would you use to make 0.300L of a 1.25M KI solution?
7. If you dilute 20.0mL of a 3.5M solution to make 100.00mL of solution, what is the molarity of the dilute solution?