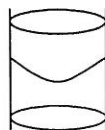
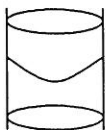
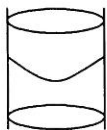


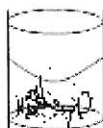
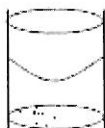
Name _____ Date _____ Class _____

Saturation and Unsaturated Diagram Warm Up

A student has 3 different solutions all of the same solute and solvent



She then adds a very small amount of the same solute to each solution with the results as follows:



1. Classify the first three solutions in terms of saturation
2. Briefly explain your answers to # 1 above (ex: unsaturated b/c)

3. Given the reaction: $\text{___ Na}_2\text{CO}_3(\text{aq}) + \text{___ MgCl}_2(\text{aq}) \rightarrow$

- a. Complete the reaction and include in parentheses (aq) or (s) as appropriate
- b. balance the reaction
- c. When the reaction above in # 3 is filtered, what will be present on the filter paper?