**Review Sheet for Topics Quiz on Solutions**

1) How can you tell the difference between a solution, a colloid, and a suspension?

2) How can you tell whether a solution is saturated, unsaturated, or supersaturated?

3) What is the molarity of a solution that contains 5.0 moles of sodium chloride in 18.5 liters of water?

4) What is the molarity of a solution in which 45 grams of sodium chloride is present in 250 mL of solution?

5) I found that a solution contains 90 grams of NH4OH in 800 mL of solution. What is the molarity of this solution?