**Solutions, Colloids, and Suspensions Homework**

1. What’s the last solution you saw? The last colloid? The last suspension? How did you know which they were?
2. It is possible to separate the solid from a suspension by filtering it, and it is not possible to separate the solute from the solvent in a solution via filtering. The question: Do you think it would be possible to separate the solid particles in a colloid via filtration? Why or why not?
3. We’ve said that milk is a colloid, but if you let milk sit out on the counter for a few days, you’ll find that there’s a thick white layer on the bottom of the container and a watery liquid at the top. Does this mean that milk really *isn’t* a colloid? Explain your answer.