**Pre-lab quiz: Separation of mixtures**

1. How does a *mixture* differ from a *compound*?
2. What types of matter can be used to make a mixture?
3. Define the terms *homogenous* and *heterogeneous* and give one example of each type of mixture.
4. What is the difference between *physical* and *chemical* properties?
5. What is the difference between *mass* and *weight*?
6. How is a percentage calculated?
7. In an introductory undergraduate lab is it easier to achieve good *precision* or good *accuracy*?
8. What statistical measures do we use to measure the precision of lab results?
9. Describe the separation technique called “*distillation*”.
10. Describe the separation technique known as “*chromatography*”.