

## Dilution Lab Instructions:

### Materials:

In addition to the stock solutions, both teams have 100 mL volumetric flasks, pipettes, and 10 mL graduated cylinders.

### Team One:

Create 100 mL of a 0.08 molar  $\text{Cu}(\text{NO}_3)_2$  solution. Use the one-molar stock solution that you made earlier for the molarity lab.

### Team Two:

Create 100 mL of a 0.005 molar  $\text{Cu}(\text{NO}_3)_2$  solution. Use the one-molar stock solution that you made earlier for the molarity lab.