

College Prep Chemistry of the Earth System

Assignment 1E

20 Points

Introduction to Measurements

1. What is the role of measurements in the science (*chemistry*) class and lab?
2. What is a qualitative and a quantitative measurement? Give an example of each type of measurement.
3. What is the difference between the imperial and metric systems?
4. What are the three main parts of a measurement? Explain each part
5. For the measurements in the chart below label the three parts of the measurement and what is being measured

Measurement	Quantity	Unit	Label	Type
24.3g SiO ₂				
4.3atm CO ₂				
45.3L H ₂ O				
4.50m Cu Rod				
45.6°C in Lab				