

# Chemistry 1

## Chapter 2 (Measurements and Calculations) Review

### Define

- Observations – Quantitative vs. Qualitative
- Hypothesis
- Theory
- Proportions – Direct vs. Indirect
- Precision
- Accuracy
- Mass
- Volume
- Density
- Weight

### Identify

- Units
- Unit Abbreviations
- Examples of Accuracy or Precision

### Calculate

- Density
  - $D=m/V$
- Rounding
  - Know rounding rules
- Significant Figures
  - Know Sig Fig rules
- Scientific Notation
  - Be able to convert numbers to scientific notation
- Conversions – Time, Volume, Mass, Metric
  - Examples – weeks to minutes, L to mL, mL to  $\text{cm}^3$ ,