

Chemistry

Standard 3: Able to Identify prefixes (1 - 10) and SI units, measure accurately and precisely, and use dimensional analysis to solve problems.

Chapter 3: Scientific Measurement

- Scientific Notation (app C R56)
- Accuracy & Precision (P.64-65)
- Percent Error (appendix C R72)
- Significant Digits (app C R59)
- SI System Table (B.1 R46)
- Dim. Analysis (app C R66)
- Density (p.90)

Journal Work

- Define the **vocabulary terms** from the chapter in your journal.
- Read each section and answer the **Section Assessment** and **Chapter Assessment** questions in the chapter (#1-87) odds in your journal. Self-check answers with key in back of book.
- Answer the following questions in hand-written **paragraph** format in journal
 - How is accuracy different than Precision?
 - Why do we round a calculated answer?
 - What is a derived unit?
 - How does an Astronaut's mass on the moon compare to compare to their mass on the Earth?
- Read and Summarize a current article related to one of the major topics found in the chapter. Attach a copy of the article to written summary in your journal.

Assessment	Teacher Initials	Score	Date
1. Show completed journal . <ul style="list-style-type: none">○ Vocabulary Questions○ Paragraphs Article Summary			
2. Take and pass the exam .			
3. After passing the exam, do the lab work Lab 3: Density Lab (p.94)			

You have completed Standard #3

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