

Unit Two Test Review and Studyguide

The student will be able to:

State how to read a metric ruler.

Describe how to measure mass with a triple beam balance.

Outline how to measure the volume of a liquid with a graduated cylinder.

Be able to make conversions and comparisons of measurements within the metric system

Be able to convert from standard decimal notation to scientific notation.

Be able to convert from scientific notation to standard decimal notation.

Be able to determine the number of significant digits in a measurement.

Be able to perform addition and subtraction problems and put the answer in the correct number of significant digits.

Be able to perform multiplication and division problems and put the answer in the correct number of significant digits.

State the difference between accuracy and precision.

Outline the three things a recorded measurement should tell us about the measurement.

Explain the relationship between significant digits and measurements.

Be able to match the laboratory safety symbols with their descriptors.

List the twelve lab safety rules listed in the science skills webpage.