

Essay Assignment

MAT 107

You are required to explain, in your own words, the topic of *unit conversions*. It is recommended that you solve the problems associated with Activities 1.13 and 1.14 to establish a background in the material, but the essay should be more than just complete sentence answers to these problems.

Some of the questions that you should address in your essay are:

- What does a *unit conversion* refer to? What kind of problem is it, and when is it used?
- How are *unit conversions* performed? Are there any quick and easy rules, or does each instance have to be handled individually?
- Where might a person encounter *unit conversions*? At the workplace? At home? As a consumer?
- What types of units might one encounter? What are reasonable, everyday values using these units? What are unreasonable values, and, especially, why are they unreasonable? I.E., what are common units and their everyday values?
- The exercises instruct the reader to handle units as fractions. How can one handle *unit conversions* like fractions, and why would one want to handle them in this fashion?

The paper should be typed (word-processed) and properly proofread. The length really depends on you and how loquacious or succinct you are, but you should directly address most of the questions raised above. As a guideline only, I would suggest two full pages or more.