

Indiana University School of Nursing
Indiana University East Campus

Math Counseling Form

_____ failed the first math examination with a score of _____ on _____ . The student and the faculty have identified the following problem areas and together will review these problem areas prior to the student's completing the second math examination.

Furthermore, because dosage calculation is a critical behavior for this course(s), students must pass the exam with a 90% before the first clinical experience.

Math Problems

| | <u>Identified Problem</u> | <u>Reviewed</u> |
|---|---------------------------|-----------------|
| I. Basic Math | | |
| A. Fractions | | |
| 1. Multiplication | _____ | _____ |
| 2. Division | _____ | _____ |
| B. Decimals | | |
| 1. Multiplication | _____ | _____ |
| 2. Division | _____ | _____ |
| C. Proportion | | |
| 1. Solving for x | _____ | _____ |
| II. Memory of Conversion Factor | | |
| A. Grams<-> grains <-> milligrams <- ->micro-grams | _____ | _____ |
| B. Drams <- -> Ounces <- -> cc's | _____ | _____ |
| C. cc's <- -> teaspoons | _____ | _____ |
| D. Kilograms <- -> pounds | _____ | _____ |
| E. Inches <- -> centimeters | _____ | _____ |
| III. Process | | |
| A. "Eyeballing" problem-estimate of answer | _____ | _____ |
| B. Setting up the problem | | |
| 1. Components | | |
| a. identification of the correct factors | _____ | _____ |
| b. placement of factors in the proportion model | _____ | _____ |

