

Nursing Testing Rounding Rules

1. Documenting with calculations - All answers must be labeled correctly for what you are solving
2. Do not round any numbers until the end of the problem, unless you are converting weight. If you are converting weight, please see number 5.
3. Basic rounding with decimals
 - a. No trailing zeros and no naked decimals
 - i. Correct: 4 Correct: 0.12
Incorrect: 4.0 Incorrect: .12
 - b. Rounding to the nearest tenth:
 - i. If the last digit is = or >5, round up example: 1.57 = 1.6
 - ii. If the last digit is <5, drop the number to the right example: 1.54 = 1.5
4. Rounding any number (unless otherwise instructed)
 - a. If greater than 1, round to the tenth
 - i. example: 1.234 = 1.2
 - b. If less than 1, round to the hundredth
 - i. example: 0.567 = 0.57
5. Converting weight:
 - a. If using Dimensional Analysis to solve calculations, incorporate the weight provided into the problem and convert (ex. $\frac{\text{kg}}{\text{lbs}} \mid 76 \text{ lbs}$)
 - b. If using Ratio and Proportion Method or Formula Method, convert pounds to kilograms and round to the **thousandths** prior to beginning the next calculation (ex. 34.545454 = 34.545)
6. IV Calculations:
 - a. IV infusions are calculated in either gtts/min or mL/hour
 - i. gtts/min **must** be rounded to the whole number
example: 21.4 = 21 gtts/min
 - ii. mL/hr **must** be rounded to the tenth
example: 75.65 = 75.7mL/hr