

Objectives for Unit #3 Clinical Laboratory Math

1. Name common prefixes used to denote small and large metric units.
2. Calculate the conversion of English units to metric units.
3. Calculate the conversion of units within the metric system.
4. Explain the SI system and list the base units within the SI system.
5. Calculate the conversion of Fahrenheit to Centigrade and Centigrade to Fahrenheit.
6. Define dilution.
7. Given values for substances diluted and diluent, correctly express the dilution.
8. Correctly use dilution factors.
9. Correctly compute changes in volume or concentration using $V_1 \times C_1 = V_2 \times C_2$.
10. Correctly calculate dilutions for tubes in dilutions in a series.
11. Define titer.
12. Calculate the conversion of rounding off digits.