Study Guide for Math Assessment

Franklin Technology Center LPN Program

Roman Numerals: Be able to write the Roman Numeral if given an Arabic number and provide the Arabic number when given a Roman Numeral

I=1

II=2

III=3

IV=4

VI=6

VII=7

VIII=8

IX=9

X=10

L=50

C=100

Be able to:

Change fractions to decimals

Change decimals to fractions

Change percents to decimals

Change decimals to percents

Be able to use the following formulas to solve Rate, Base, and Part questions:

Part=Rate x Base

Rate=Part/Base

Base=Part/Rate

Know the following metric unit conversions and be able to solve problems converting one unit to another (for example convert milligrams to grams or pounds to kilograms)

1 kilogram = 2.2 pounds

1 kilogram=1000 grams

1 gram=1000 milligrams

I milligram = 1000 micrograms

I liter=1000 milliliters

Know the following abbreviations:

Kg=kilogram

g=gram

lb=pound

mg=milligram

mcg=microgram