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
1 milligram = 1000 micrograms
1 liter=1000 milliliters

Know the following abbreviations:

Kg=kilogram
g=gram
lb=pound
mg=milligram
mcg=microgram