**EXERCISE #3 CHEM 1114 metric-Metric Unit Conversions**

giga = 109 = G

mega=106 = M

kilo=103 = k

deci=10-1 = d

centi=10-2 =c

milli=10-3 =m

micro=10-6 = μ

nano=10-9 =n

pico = 10-12 = p

* 1. **Unit Conversions**

1)Convert 45.7 kg to g \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_g

2)Convert 0.73 mL to μL. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ μL

1. Convert 3.6 Ms to ns \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ns
2. Convert 0.001 mg to pg \_\_\_\_\_\_\_\_\_\_\_\_\_\_pg
3. Convert 7.2 kg/L to mg/μL ­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mg/μL

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