

CHEM 1000 Discussion Worksheet: Metric System, Conversions, and Density
(Answers: see the laboratory page of the class website www.uwyo.edu/chem1000)

1. Give the metric system base unit name and symbol for the following.

	length	mass	volume	temperature	amount of substance
unit (name)					
symbol					

2. What is the metric system prefix name corresponding to each of the following symbols?

c _____ μ _____ k _____

M _____ m _____

3. Place the following in order of increasing size: cm Mm μ m m km mm

(smallest) < _____ < _____ < _____ < _____ < _____ (largest)