

Name _____ Date _____ Section _____

SI UNITS & MEASUREMENTS

(show your work to receive full credits)

1) What type of measurement is indicated by each of the following units? (density, length, mass, time, or volume)

A. 1. g/mL _____

B. 2. s _____

C. 3. Km _____

D. 4. g _____

E. 5. cm³ _____

F. 6. mm _____

G. 7. mg _____

H. 8. L _____

I. 9. g/cm³ _____

2. For each of the following commonly used measurements, indicate its symbol.

_____ milliliter

_____ kilogram

_____ meter

_____ milligram

_____ millimeter

_____ liter

_____ seconds

_____ Kelvin

_____ deciliter

3. Convert the following measurements.

A. 2.7 m _____ Km

B. 6.9 cm _____ mm

C. 5 g _____ mg

D. 75 L _____ dL

E. 0.5 mL _____ L

F. 200 cm _____ m

G. 60 milligrams = _____ km

H. 4.5 centimeters = _____ km

I. 9.5 kiloliters = _____ deciliters

J. 66 decimeters = _____ decameters