Name

# **Worksheet:  Metric Conversions**

Make the following conversions:

1.   3120 mm =              m

2.   9.108 kg =             g

3.   47.5  mL=              L

4.   3789 cm3 =             mL

5.   56 mm =                cm

6.   3.12 g =               kg

7.   72.1 cm =              m

8.   16.0 kg =              g

9.   .0012 mm =             µm

10.  1.56 L =               mL

Circle the measurement that has the greatest quantity:

1.   a/ 5.1 g          b/ 5.1 kg          c/ 5.1 mg          d/ all are equal

2.   a/ 12.7 cm    b/12.7 mm          c/ 12.7 m          d/ all are equal

3.   a/ 51L           b/ 51 mL          c/ 5.1 L           d/ all are equal

4.   a/ 3789 mm  b/ 37.89 cm       c/ .3789 m         d/ all  are equal

5.   a/ .049 L        b/ 49 mL          c/ 49 cm3          d/ all are equal

6.   a/ 117 g        b/ 1.17 kg         d/ 1170mg          d/ all are equal

7.   a/ 3080 um   b/ 3.08 mm        c/ .308 cm         d/ all are equal