

# Metric Measurement Conversion Worksheet

Complete on a SEPARATE SHEET OF PAPER!  
Label each section with "Part One" , "Part Two" , etc.  
USE A PENCIL & WRITE OUT EACH PROBLEM!

**Part One Instructions:** List the seven base units and their symbols.

**Part Two Instructions:** Fill in the blanks for the missing information.

- |                   |                   |                       |                       |
|-------------------|-------------------|-----------------------|-----------------------|
| a) 1 kg = _____ g | d) _____ cm = 1 m | g) 1000 mm = _____ m  | j) _____ ms = _____ s |
| b) 1 km = _____ m | e) _____ mL = 1 L | h) _____ mg = _____ g | k) 1 L = _____ dL     |
| c) 1 Hg = _____ g | f) 1 Dg = _____ g | i) 1 g = _____ Dg     |                       |

**Part Three Instructions:** Convert the measurements below as indicated. Show all of your work in the proper format, as was discussed in class.

1) 40ml to L

11) 7870 ml to L

2) 5400L to kL

12) 6.42 m to mm

3) 85g to kg

13) 1850 cm to m

4) 52 mg to g

14) 11.4 km to m

5) 6300 m to km

15) 3 m to mm

6) 2.50 kg to g

16) 25 Mg to g

7) 18,600 g to kg

17) 74 cm to mm

8) 544 ml to L

18) 835 mg to kg

9) 1.92 L to mL