

Name : _____

Metric Unit Conversion

Liter and Milliliter: T1S1

Example 1 : 23.7 L = _____ mL

1 liter = 1000 milliliters

$$\begin{aligned} 23.7 \text{ L} &= 23.7 \times 1000 \text{ mL} \\ &= \mathbf{23700 \text{ mL}} \end{aligned}$$

Example 2 : 23700 mL = _____ L

1000 milliliters = 1 liter

$$\begin{aligned} 23700 \text{ mL} &= \frac{23700}{1000} \text{ L} \\ &= \mathbf{23.7 \text{ L}} \end{aligned}$$

Convert the following liters (L) to milliliters (mL).

1) 47.8 L = _____ mL	2) 16 L = _____ mL
3) 23.27 L = _____ mL	4) 56.6 L = _____ mL
5) 17.412 L = _____ mL	6) 76.52 L = _____ mL
7) 35.53 L = _____ mL	8) 91.6 L = _____ mL

Convert the following milliliters (mL) to liters (L).

9) 32780 mL = _____ L	10) 67900 mL = _____ L
11) 5000 mL = _____ L	12) 21156 mL = _____ L
13) 89300 mL = _____ L	14) 48190 mL = _____ L
15) 53600 mL = _____ L	16) 93200 mL = _____ L

Name : _____

Answer key

Liter and Milliliter: T1S1

Metric Unit Conversion

Example 1 : 23.7 L = _____ mL

1 liter = 1000 milliliters

$$23.7 \text{ L} = 23.7 \times 1000 \text{ mL}$$

$$= \mathbf{23700 \text{ mL}}$$

Example 2 : 23700 mL = _____ L

1000 milliliters = 1 liter

$$23700 \text{ mL} = \frac{23700}{1000} \text{ L}$$

$$= \mathbf{23.7 \text{ L}}$$

Convert the following liters (L) to milliliters (mL).

1) 47.8 L = <u> 47800 </u> mL	2) 16 L = <u> 16000 </u> mL
3) 23.27 L = <u> 23270 </u> mL	4) 56.6 L = <u> 56600 </u> mL
5) 17.412 L = <u> 17412 </u> mL	6) 76.52 L = <u> 76520 </u> mL
7) 35.53 L = <u> 35530 </u> mL	8) 91.6 L = <u> 91600 </u> mL

Convert the following milliliters (mL) to liters (L).

9) 32780 mL = <u> 32.78 </u> L	10) 67900 mL = <u> 67.9 </u> L
11) 5000 mL = <u> 5 </u> L	12) 21156 mL = <u> 21.156 </u> L
13) 89300 mL = <u> 89.3 </u> L	14) 48190 mL = <u> 48.19 </u> L
15) 53600 mL = <u> 53.6 </u> L	16) 93200 mL = <u> 93.2 </u> L