

Name : \_\_\_\_\_

## Metric Unit Conversion

Liter and Milliliter: T1S2

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) 39.3 L = \_\_\_\_\_ mL

2) 56.78 L = \_\_\_\_\_ mL

3) 70.02 L = \_\_\_\_\_ mL

5) 25.27 L = \_\_\_\_\_ mL

7) 10.231 L = \_\_\_\_\_ mL

Convert the following mi

9) 24000 mL = \_\_\_\_\_ L

11) 68770 mL = \_\_\_\_\_ L

13) 53900 mL = \_\_\_\_\_ L

14) 77450 mL = \_\_\_\_\_ L

15) 81720 mL = \_\_\_\_\_ L

16) 46400 mL = \_\_\_\_\_ L

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## Answer key

Liter and Milliliter: T1S2

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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) 39.3 L = **39300** mL

2) 56.78 L = **56780** mL

3) 70.02 L = \_\_\_\_\_ mL **7600**

5) 25.27 L = \_\_\_\_\_ mL **'000**

7) 10.231 L = \_\_\_\_\_ mL **3600**

Convert the following mi

9) 24000 mL = \_\_\_\_\_ L **36.2**

11) 68770 mL = \_\_\_\_\_ L **5.654**

13) 53900 mL = **53.9** L

14) 77450 mL = **77.45** L

15) 81720 mL = **81.72** L

16) 46400 mL = **46.4** L

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