

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

## Metric Unit Conversion

Liter and Milliliter: T1S3

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) 42 L = \_\_\_\_\_ mL

2) 86.12 L = \_\_\_\_\_ mL

3) 57.25 L = \_\_\_\_\_ mL

5) 8.654 L = \_\_\_\_\_ mL

7) 71.6 L = \_\_\_\_\_ mL

Convert the following mi

9) 95470 mL = \_\_\_\_\_ L

11) 11254 mL = \_\_\_\_\_ L

13) 33000 mL = \_\_\_\_\_ L

14) 48310 mL = \_\_\_\_\_ L

15) 78130 mL = \_\_\_\_\_ L

16) 93700 mL = \_\_\_\_\_ L

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## Answer key

Liter and Milliliter: T1S3

# Metric Unit Conversion

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) 42 L = **42000** mL

2) 86.12 L = **86120** mL

3) 57.25 L = \_\_\_\_\_ **57250** mL

5) 8.654 L = \_\_\_\_\_ **8654** mL

7) 71.6 L = \_\_\_\_\_ **71600** mL

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

9) 95470 mL = \_\_\_\_\_ **95.47** L

11) 11254 mL = \_\_\_\_\_ **11.254** L

13) 33000 mL = **33** L

14) 48310 mL = **48.31** L

15) 78130 mL = **78.13** L

16) 93700 mL = **93.7** L

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