

**Metric Unit Conversion - Capacity**

Liter/Milliliter: T1S2

Example 1 : 23.7 L = \_\_\_\_\_ mL

**1 liter = 1000 milliliters**

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

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

Example 2 : 23700 mL = \_\_\_\_\_ L

**1000 milliliters = 1 liter**

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

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

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 milliliters (mL) to liters (L).

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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Example 1 : 23.7 L = \_\_\_\_\_ mL

**1 liter = 1000 milliliters**

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

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

Example 2 : 23700 mL = \_\_\_\_\_ L

**1000 milliliters = 1 liter**

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

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

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

1) 39.3 L = <u>39300</u> mL	2) 56.78 L = <u>56780</u> mL
3) 70.02 L = _____ mL	_____ <u>7600</u> mL
5) 25.27 L = _____ mL	_____ <u>000</u> mL
7) 10.231 L = _____ mL	_____ <u>3600</u> mL
<div style="border: 2px solid #007bff; padding: 10px; margin: 0 auto; width: 80%;"> <h1 style="margin: 0; color: #007bff;">PREVIEW</h1> <p style="margin: 5px 0 0 0; color: #007bff;">Access the largest collection of worksheets for just <b>\$19.95</b> per year!</p> <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="background-color: #007bff; color: white; padding: 5px; border-radius: 10px; width: 40%; text-align: center;"> <p style="margin: 0;">Members, please log in to download this worksheet.</p> <p style="margin: 0; background-color: white; color: #007bff; border-radius: 5px; padding: 2px 10px; display: inline-block;"><b>Log in</b></p> </div> <div style="background-color: #007bff; color: white; padding: 5px; border-radius: 10px; width: 40%; text-align: center;"> <p style="margin: 0;">Not a member? Please sign up to gain complete access.</p> <p style="margin: 0; background-color: white; color: #007bff; border-radius: 5px; padding: 2px 10px; display: inline-block;"><b>Sign up</b></p> </div> </div> <p style="margin: 10px 0 0 0; color: #007bff; text-align: center;"><a href="http://www.mathworksheets4kids.com">www.mathworksheets4kids.com</a></p> </div>	
9) 24000 mL = _____ mL	_____ <u>36.2</u> L
11) 68770 mL = _____ mL	_____ <u>25.654</u> L
13) 53900 mL = <u>53.9</u> L	14) 77450 mL = <u>77.45</u> L
15) 81720 mL = <u>81.72</u> L	16) 46400 mL = <u>46.4</u> L