

**Metric Unit Conversion - Capacity**

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 between liters (L) and milliliters (mL).

1) 18000 mL = \_\_\_\_\_ L

2) 31.89 L = \_\_\_\_\_ mL

3) 42.6 L = \_\_\_\_\_ mL

4) 14414 mL = \_\_\_\_\_ L

5) 87100 mL = \_\_\_\_\_ L

6) 67.45 L = \_\_\_\_\_ mL

7) 35900 mL = \_\_\_\_\_ L

8) 24.456 L = \_\_\_\_\_ mL

9) 25 L = \_\_\_\_\_ mL

10) 39740 mL = \_\_\_\_\_ L

11) 95.6 L = \_\_\_\_\_ mL

12) 23270 mL = \_\_\_\_\_ L

13) 51050 mL = \_\_\_\_\_ L

14) 7 L = \_\_\_\_\_ mL

**Answer key**

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 between liters (L) and milliliters (mL).

1) 18000 mL = 18 L

2) 31.89 L = 31890 mL

3) 42.6 L = 42600 mL

4) 14414 mL = 14.414 L

5) 87100 mL = 87.1 L

6) 67.45 L = 67450 mL

7) 35900 mL = 35.9 L

8) 24.456 L = 24456 mL

9) 25 L = 25000 mL

10) 39740 mL = 39.74 L

11) 95.6 L = 95600 mL

12) 23270 mL = 23.27 L

13) 51050 mL = 51.05 L

14) 7 L = 7000 mL