



Capacity - Metric Units

Name _____

Score _____

CU:09

Example 1: Convert 6.02 L to mL.

1 liter = 1,000 milliliters

$$6.02 \text{ L} = 6.02 \times 1,000$$
$$= \mathbf{6,020 \text{ mL}}$$

Example 2: Convert 7,000 mL to L.

1 milliliter = 1/1,000 liter

$$7,000 \text{ mL} = 7,000 / 1,000$$
$$= \mathbf{7 \text{ L}}$$

1) Convert the following.

a) 22,000 mL = L

d) 7.23 L = mL

b) 8.005 L = mL

e) 5,806 mL = L

c) 17,500 mL = L

f) 6 L = mL

2) Complete the table.

Liters (L)		7.025		3	
Milliliters (mL)	68,000		8,500		90,070

3) Compare using <, > or = symbol.

a) 2 L 2,900 mL

d) 15 L 14,890 mL

b) 5,000 mL 5 L

e) 2,534 mL 2.543 L

c) 61,404 mL 61 L

f) 10.2 L 10,200 mL



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Answer key

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Example 1: Convert 6.02 L to mL.

1 liter = 1,000 milliliters

$$\begin{aligned} 6.02 \text{ L} &= 6.02 \times 1,000 \\ &= \mathbf{6,020 \text{ mL}} \end{aligned}$$

Example 2: Convert 7,000 mL to L.

1 milliliter = 1/1,000 liter

$$\begin{aligned} 7,000 \text{ mL} &= 7,000 / 1,000 \\ &= \mathbf{7 \text{ L}} \end{aligned}$$

1) Convert the following.

a) 22,000 mL = **22** L

d) 7.23 L = **7,230** mL

b) 8.005 L = **8,005** mL

e) 5,806 mL = **5.806** L

c) 17,500 mL = **17.5** L

f) 6 L = **6,000** mL

2) Complete the table.

Liters (L)	68	7.025	8.5	3	90.07
Milliliters (mL)	68,000	7,025	8,500	3,000	90,070

3) Compare using <, > or = symbol.

a) 2 L **<** 2,900 mL

d) 15 L **>** 14,890 mL

b) 5,000 mL **=** 5 L

e) 2,534 mL **<** 2.543 L

c) 61,404 mL **>** 61 L

f) 10.2 L **=** 10,200 mL