



Capacity - Metric Units

Name _____

Score _____

CU:11

Example 1: Convert 68 L to mL.

1 liter = 1,000 milliliters

$$\begin{aligned} 68 \text{ L} &= 68 \times 1,000 \\ &= \mathbf{68,000 \text{ mL}} \end{aligned}$$

Example 2: Convert 7,125 mL to L.

1 milliliter = 1/1,000 liter

$$\begin{aligned} 7,125 \text{ mL} &= 7,125 / 1,000 \\ &= \mathbf{7.125 \text{ L}} \end{aligned}$$

1) Convert the following.

a) 0.5 L = mL

d) 2,900 mL = L

b) 14,000 mL = L

e) 3.8 L = mL

c) 9 L = mL

f) 28,500 mL = L

2) Complete the table.

Liters (L)			0.65	55	
Milliliters (mL)	3,700	1,009			2,000

3) Compare using <, > or = symbol.

a) 6,000 mL 6 L

d) 1,600 mL 1.8 L

b) 5,565 mL 5.555 L

e) 0.7 L 700 mL

c) 13 L 13,100 mL

f) 4,578 mL 4.478 L



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Answer key

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Example 1: Convert 68 L to mL.

$$1 \text{ liter} = 1,000 \text{ milliliters}$$

$$68 \text{ L} = 68 \times 1,000 \\ = \mathbf{68,000 \text{ mL}}$$

Example 2: Convert 7,125 mL to L.

$$1 \text{ milliliter} = 1/1,000 \text{ liter}$$

$$7,125 \text{ mL} = 7,125 / 1,000 \\ = \mathbf{7.125 \text{ L}}$$

1) Convert the following.

a) 0.5 L = **500** mL

d) 2,900 mL = **2.9** L

b) 14,000 mL = **14** L

e) 3.8 L = **3,800** mL

c) 9 L = **9,000** mL

f) 28,500 mL = **28.5** L

2) Complete the table.

Liters (L)	3.7	1.009	0.65	55	2
Milliliters (mL)	3,700	1,009	650	55,000	2,000

3) Compare using <, > or = symbol.

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

d) 1,600 mL **<** 1.8 L

b) 5,565 mL **>** 5.555 L

e) 0.7 L **=** 700 mL

c) 13 L **<** 13,100 mL

f) 4,578 mL **>** 4.478 L