



Capacity - Metric Units

Name _____

Score _____

CU:14

Example : Convert 6 L to mL.

$$6 \text{ L} = 6 \times 10 \\ = \mathbf{60 \text{ mL}}$$

1 centiliter (cL) = 10 milliliters (mL)
1 liter (L) = 10 deciliters (dL)
1 hectaliter (hL) = 10 dekaliters (daL)
1 deciliter (dL) = 10 centiliters (cL)
1 dekaliter (daL) = 10 liters (L)
1 kiloliter (kL) = 10 hectaliters (hL)

1) Convert the following.

a) 1.4 L = mL

e) 23 dL = cL

b) 105 hL = daL

f) 8,000 L = kL

c) 66 cL = dL

g) 4.39 daL = mL

d) 3 kL = hL

h) 750 mL = dL

2) Compare using <, > or = symbol.

a) 1 cL 15 mL

d) 4.8 L 470 cL

b) 72 dL 7.2 L

e) 3,000 daL 50 kL

c) 3 kL 20 hL

f) 200 mL 2 dL

3) How many centiliters make 25 milliliters?



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Answer key

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1) Convert the following.

a) 1.4 L = **1,400** mL

e) 23 dL = **230** cL

b) 105 hL = **1,050** daL

f) 8,000 L = **8** kL

c) 66 cL = **6.6** dL

g) 4.39 daL = **43,900** mL

d) 3 kL = **30** hL

h) 750 mL = **7.5** dL

2) Compare using <, > or = symbol.

a) 1 cL **<** 15 mL

d) 4.8 L **>** 470 cL

b) 72 dL **=** 7.2 L

e) 3,000 daL **<** 50 kL

c) 3 kL **>** 20 hL

f) 200 mL **=** 2 dL

3) How many centiliters make 25 milliliters?

2.5 cL