



Capacity - Metric Units

Name _____

Score _____

CU:13

Example : Convert 51 hL to L.

$$\begin{aligned} 51 \text{ hL} &= 51 \times 10 \\ &= 510 \text{ daL} \\ &= 510 \times 10 \\ &= \mathbf{5,100 \text{ L}} \end{aligned}$$

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) 0.58 kL = daL

e) 900 mL = dL

b) 277 L = cL

f) 7 hL = L

c) 81 daL = dL

g) 1.6 dL = cL

d) 3,456 L = kL

h) 10,000 mL = daL

2) Compare using <, > or = symbol.

a) 500 mL 4 dL

d) 1.5 L 1,500 mL

b) 118 L 12 daL

e) 70 cL 6.6 dL

c) 100 kL 1,000 hL

f) 2,370 dL 2.73 hL

3) How many deciliters make 3 dekaliters?



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Answer key

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1 kiloliter (kL) = 10 hectaliters (hL)

1) Convert the following.

a) 0.58 kL = **58** daL

e) 900 mL = **9** dL

b) 277 L = **27,700** cL

f) 7 hL = **700** L

c) 81 daL = **8,100** dL

g) 1.6 dL = **16** cL

d) 3,456 L = **3.456** kL

h) 10,000 mL = **1** daL

2) Compare using <, > or = symbol.

a) 500 mL **>** 4 dL

d) 1.5 L **=** 1,500 mL

b) 118 L **<** 12 daL

e) 70 cL **>** 6.6 dL

c) 100 kL **=** 1,000 hL

f) 2,370 dL **<** 2.73 hL

3) How many deciliters make 3 dekaliters?

300 dL