Metric Units of Capacity

Objective: To convert units of capacity in the metric system of measurement

Units of capacity in the metric system are:
Kiloliter (kl), hectoliter (hl), decaliter (dal), liter (L), deciliter (dl), centiliter (cl), milliliter (ml)

1 kl	=	1000 L
1 hl	=	100 L
1 dal	=	10 L
1 L	=	1 L
1 dl	=	.1 L
1 cl	=	.01 L
1 ml	=	.001 L

Conversion between units of capacity in the metric system involves moving the decimal point to the right or to the left.

Steps are as follows:

Listing the units in order from largest to smallest
Determine the direction for moving
Indicate how many places to move the decimal point

Example: To convert 824 ml to liters:

First, write the units in order from largest to smallest:

kl	hl	dal	L	dl	cl	ml
			→	→	→	

Direction is to move to the left
Converting ml to L requires moving 3 positions
So, 824 ml = .824 L