

1000. 100. 10. ① 0.1 0.01 0.001

kilo- (k)	hecto- (h)	deka- (da)	meter (m) liter (L) gram (g)	deci- (d)	centi- (c)	milli- (m)
--------------	---------------	---------------	------------------------------------	--------------	---------------	---------------

Moving the
decimal

Length

- Most Common

$\frac{1}{1000}$
0.001
1.

kilo- (k)	hecto- (h)	deka- (da)	meter (m) liter (L) gram (g)	deci- (d)	centi- (c)	milli- (m)
--------------	---------------	---------------	------------------------------------	--------------	---------------	---------------

1 m 100 cm 1000 mm

2.2 m 220 cm 2200 mm

Meter (m)

Centimeter (cm)

millimeter (mm)

Kilometer (km)

Mass - most common

kilo- (k)	hecto- (h)	deka- (da)	meter (m) liter (L) gram (g)	deci- (d)	centi- (c)	milli- (m)
--------------	---------------	---------------	------------------------------------	--------------	---------------	---------------

0.001 1. 1000. mg

Gram (g)
milligram (mg)
Kilogram (kg)

Capacity - most common

kilo- (k)	hecto- (h)	deka- (da)	meter (m) liter (L) gram (g)	deci- (d)	centi- (c)	milli- (m)
--------------	---------------	---------------	------------------------------------	--------------	---------------	---------------

1 L 
1000 ml

* Liter (L)

* milliliter (mL)
(deciliter (dL)).