

## MATH CONVERSION CHART – LENGTHS



### METRIC CONVERSIONS

1 centimeter	=	10 millimeters	1 cm	=	10 mm
1 meter	=	100 centimeters	1 m	=	100 cm
1 kilometer	=	1000 meters	1 km	=	1000 m

### STANDARD CONVERSIONS

1 foot	=	12 inches	1 ft	=	12 in
1 yard	=	3 feet	1 yd	=	3 ft
1 yard	=	36 inches	1 yd	=	36 in
1 mile	=	1760 yards	1 mi	=	1760 yd

### METRIC -> STANDARD CONVERSIONS

1 millimeter	=	0.03937 inches	1 mm	=	0.03937 in
1 centimeter	=	0.39370 inches	1 cm	=	0.39370 in
1 meter	=	39.37008 inches	1 m	=	39.37008 in
1 meter	=	3.28084 feet	1 m	=	3.28084 ft
1 meter	=	1.09361 yards	1 m	=	1.09361 yd
1 kilometer	=	1093.6133 yards	1 km	=	1093.6133 yd
1 kilometer	=	0.62137 miles	1 km	=	0.62137 mi

### STANDARD -> METRIC CONVERSIONS

1 inch	=	2.54 centimeters	1 in	=	2.54 cm
1 foot	=	30.48 centimeters	1 ft	=	30.48 cm
1 yard	=	91.44 centimeters	1 yd	=	91.44 cm
1 yard	=	0.9144 meters	1 yd	=	0.9144 m
1 mile	=	1609.344 meters	1 mi	=	1609.344 m
1 mile	=	1.609344 kilometers	1 mi	=	1.609344 km

### APPROXIMATE CONVERSIONS FROM STANDARD / US CUSTOMARY UNITS TO SI / METRIC UNITS

SYMBOL	TO CONVERT	MULTIPLY BY	TO FIND	SYMBOL
LENGTH				
in	inches	25.4	millimeters	mm
ft	feet	0.305	meters	m
yd	yards	0.914	meters	m
mi	miles	1.61	kilometers	km

## Length and Distance

10 millimeter = 1 centimeter

100 centimeter = 1 meter

1000 meter = 1 kilometer

## Length and Distance

10 millimeter = 1 centimeter

10 centimeter = 1 decimeter

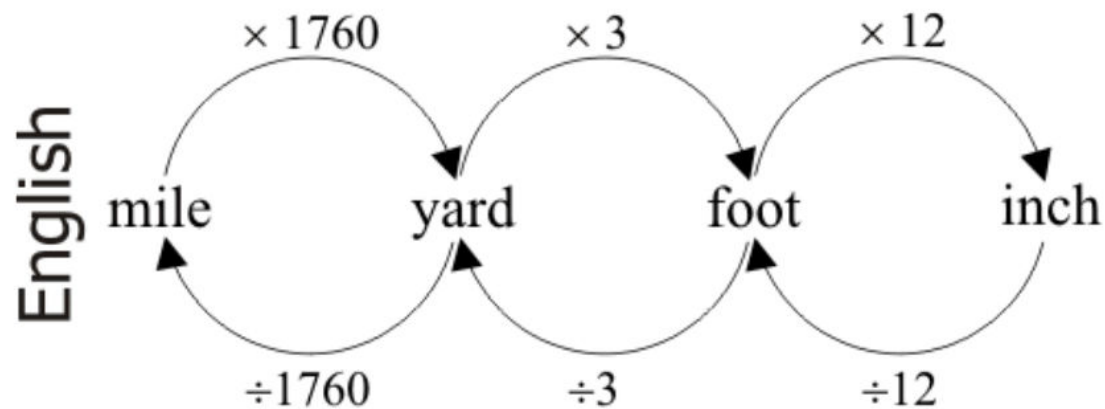
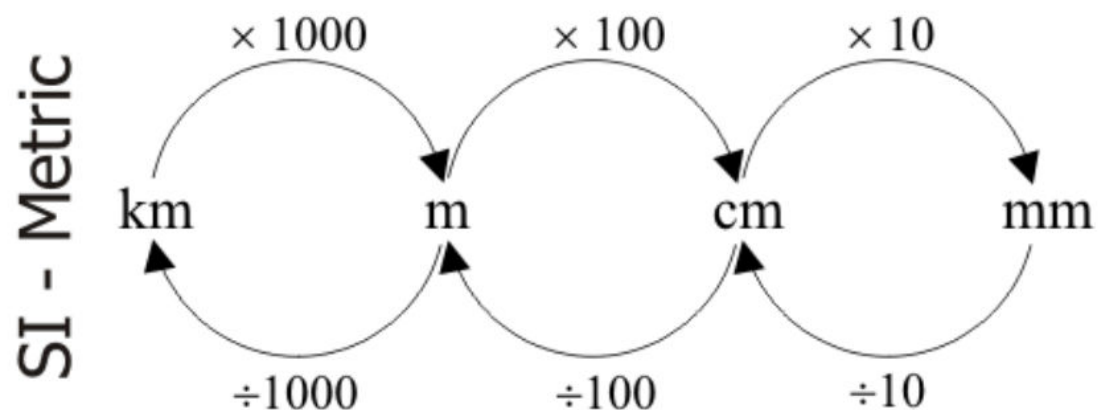
10 decimeter = 1 meter

10 meter = 1 dekameter

10 dekameter = 1 hectometer

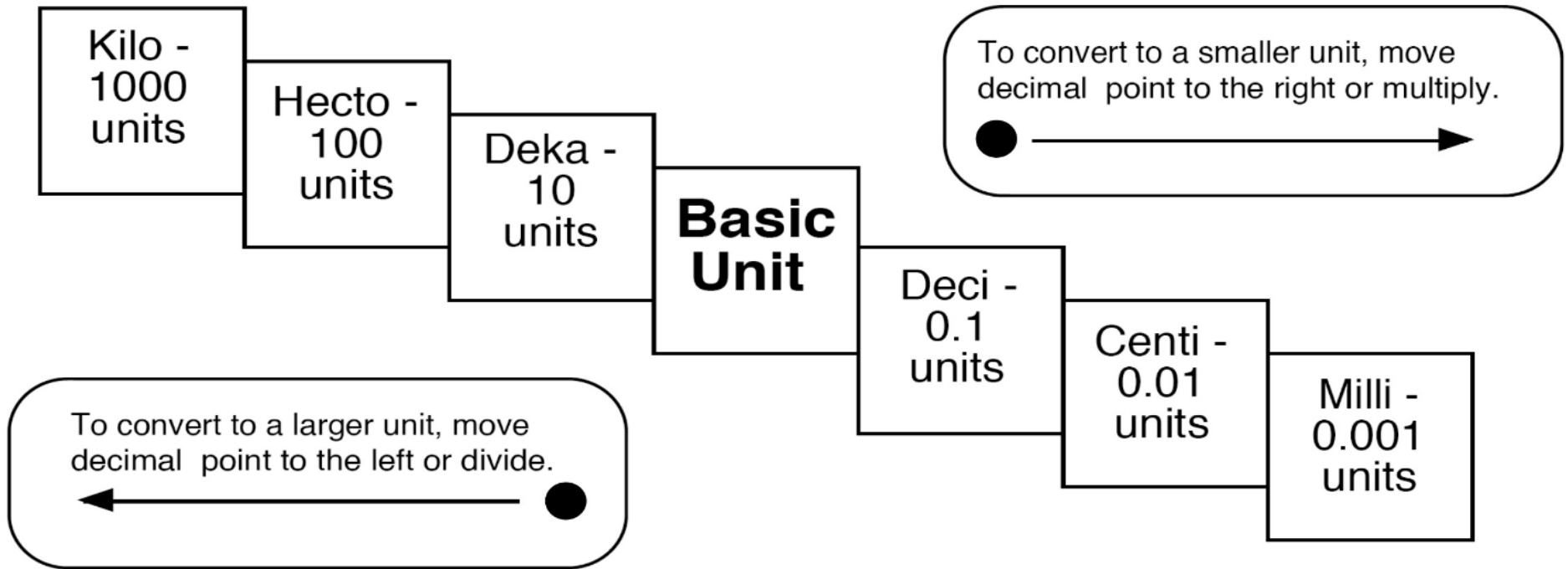
10 hectometer = 1 kilometer

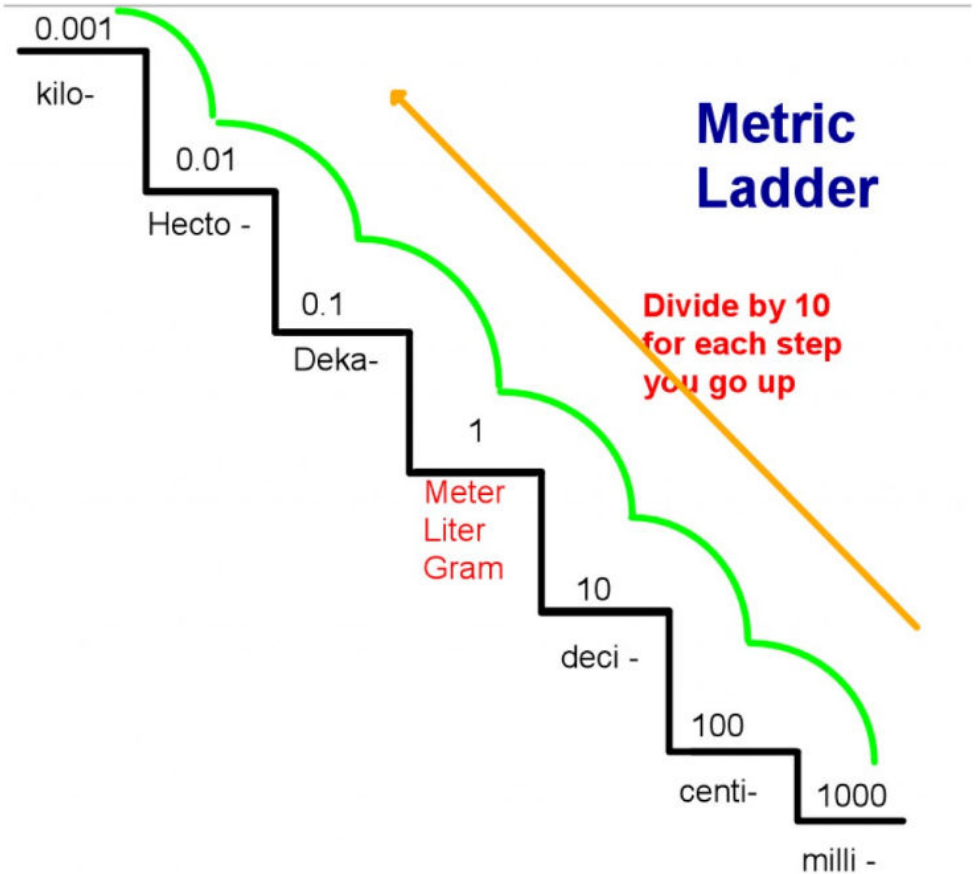
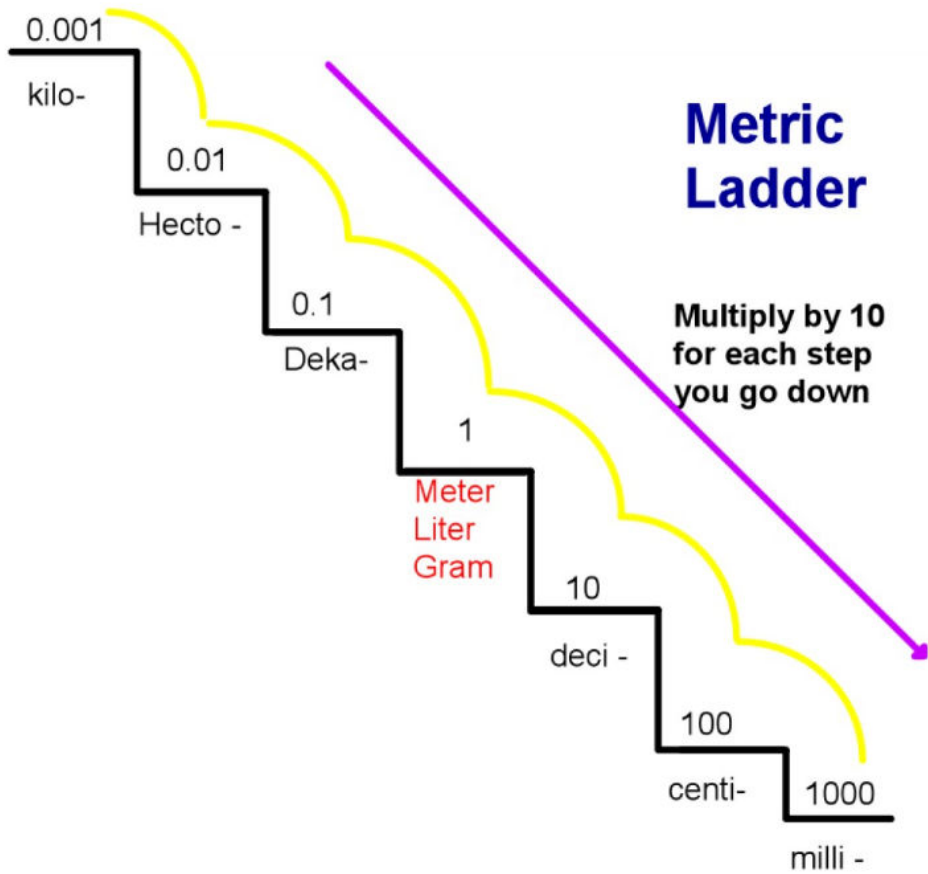
Multiply to change larger units to smaller units.



Divide to change smaller units to larger units.

# Metric Conversion Chart



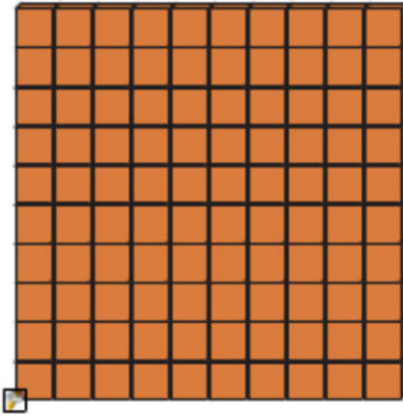




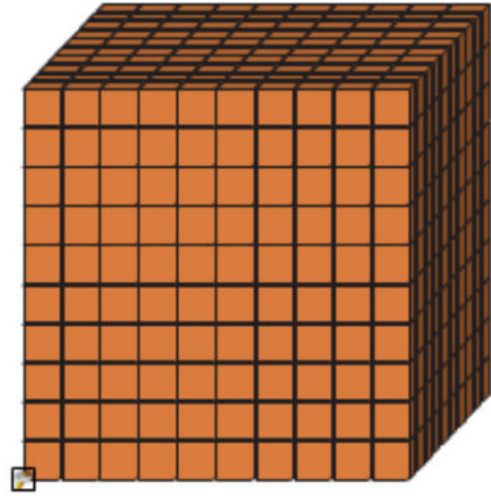
1 mm



10 mm  
or  
1 cm



100 mm  
or  
10 cm  
or  
1 dm



1000 mm  
or  
100 cm  
or  
10 dm  
or  
1 m

