




In the United States, we use customary units like inches, pounds, and gallons which were developed from English units of measurement.

Why, then, do we study metric measurements?

The table below will help guide you when choosing the most appropriate metric measurement.

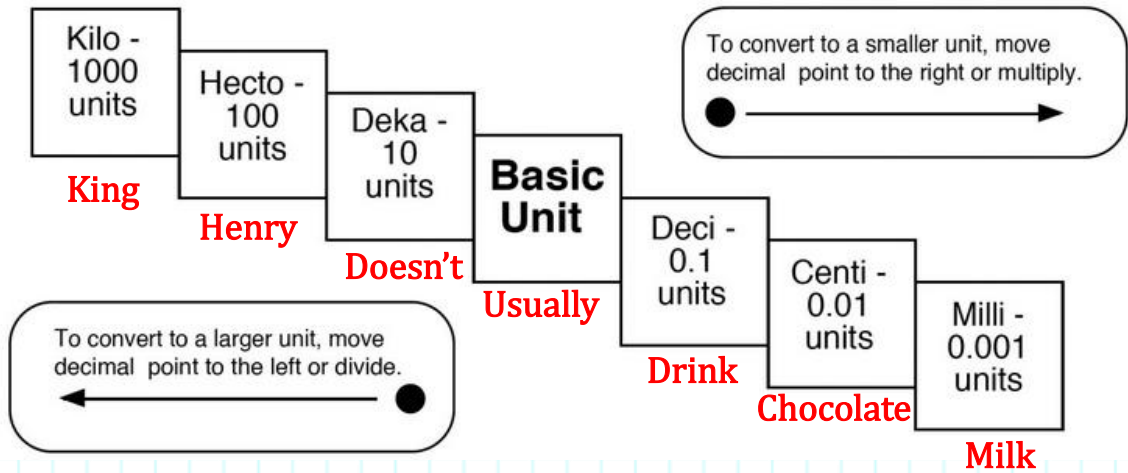
Type	Unit	Reference Example
Length	millimeter (mm)	about the thickness of a dime 
	centimeter (cm)	about the width of your little finger
	meter (m)	about the distance from a doorknob to the floor
	kilometer (km)	about the length of 11 football fields
Capacity	milliliter (mL)	a small spoon holds about 5 mL 
	liter (L)	a little more than 1 quart
Mass	milligram (mg)	about the mass of a mosquito 
	gram (g)	about the mass of a paper clip
	kilogram (kg)	about the mass of a bunch of bananas

How Can You Find a Double-Decker Bus?

- | | |
|--|--|
| ① length of an ant
R 5 mm M 5 cm | ② length of a new pencil
A 19 mm O 19 cm |
| ③ height of a basketball hoop
U 30 m H 3 m | ④ distance walked in 1 hour
K 5 km B 50 m |
| ⑤ diameter of a quarter
G 24 cm O 24 mm | ⑥ length of a paper clip
E 3 cm S 30 cm |
| ⑦ length of a tennis court
L 24 m D 24 km | ⑧ distance driven on a freeway in 1 hour
U 85 km A 850 m |
| ⑨ mass of a bag of flour
E 2.3 g O 2.3 kg | ⑩ mass of a butterfly
K 500 g S 500 mg |
| ⑪ mass of an adult bullfrog
T 0.5 kg S 0.5 g | ⑫ mass of a textbook
T 3.5 g F 3.5 kg |
| ⑬ capacity of a soup bowl
N 500 L P 500 mL | ⑭ capacity of a bucket
O 12 L R 12 mL |
| ⑮ Capacity of a can of soda
M 355 L B 355 mL | ⑯ Capacity of a bathtub
D 250 mL T 250 L |

7	2	14	4		12	9	1		11	3	6		15	8	10		16	5	13
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Metric Conversion Chart



Let's use this conversion chart to practice some metric conversions.

1) $0.9 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

2) $\underline{\hspace{2cm}} \text{ L} = 90 \text{ mL}$

3) $7,800 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

4) $58 \text{ m} = \underline{\hspace{2cm}} \text{ mm}$