

1.4
METRIC UNITS

METRIC UNITS FOR LENGTH

Millimeter (mm): about the thickness of a dime

Centimeter (cm): about the width of a thumbnail

Meter (m): about the distance from the floor to a doorknob

Kilometer (km): a little over $\frac{1}{2}$ mile

METRIC UNITS FOR CAPACITY

Milliliter (mL): about a spoon full

Liter (L): a little more than a quart of milk

METRIC UNITS FOR MASS

Milligram (mg): about the mass of a mosquito

Gram (g): about the mass of a paperclip

Kilogram (kg): about the mass of a textbook

IMPORTANT CONVERSIONS

Length:

$10 \text{ mm} = 1 \text{ cm}$

$100 \text{ cm} = 1 \text{ m}$

$1,000 \text{ m} = 1 \text{ km}$

Capacity:

$1,000 \text{ mL} = 1 \text{ L}$

Mass:

$1,000 \text{ mg} = 1 \text{ g}$

$1,000 \text{ g} = 1 \text{ kg}$

CONVERTING UNITS:Ex) $35 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$

$$35 \div 1000 = 0.035 \text{ L}$$

CONVERTING UNITS:Ex) $250 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

$$250 \times 1,000 =$$

$$250,000 \text{ g}$$

CONVERTING UNITS:Ex) $60 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

$$60 \times 100 =$$

$$6,000 \text{ cm}$$