

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Metric Conversions

We are using a metric system when measuring.

Measurement:	Standard Unit:	Symbol:
length	metre	m
mass	gram	g
volume	litre	L

Sometimes we use larger units, such as kilometers, or smaller units, such as millimeters, for measurements.

kilo (k)	Standard Unit	milli (m)
kilometre, km	metre, m	millimetre, mm
kilogram	gram, g	milligram, mg
kilolitre, kL	litre, L	millilitre, mL

We can convert from smaller or larger units to the standard unit and vice versa using the conversion factors. You must remember the following conversions:

	conversion factors	
$1km = 1000m$	$\frac{1km}{1000m}$	$\frac{1000m}{1km}$
$1m = 1000mm$	$\frac{1m}{1000mm}$	$\frac{1000mm}{1m}$
$1L = 1000mL$	$\frac{1L}{1000mL}$	$\frac{1000mL}{1L}$