

METRIC SYSTEM REFERENCE

Standard Units & Prefixes

COMMON UNIT PREFIXES

Prefix	Symbol	Multiplier	Scientific
Kilo	k	1,000	10^3
Hecto	h	100	10^2
Deca	da	10	10^1
Base Unit	–	1	10^0
Deci	d	0.1	10^{-1}
Centi	c	0.01	10^{-2}
Milli	m	0.001	10^{-3}

LENGTH (METER)

1 km	1,000 m
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1 m	100 cm
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1 cm	10 mm
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MASS (GRAM)

1 kg	1,000 g
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1 g	1,000 mg
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1 metric ton	1,000 kg
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VOLUME (LITER)

1 L	1,000 mL
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1 dL	100 mL
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1 cm ³	1 mL
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TEMPERATURE (CELSIUS)

Water Freezes

0C

Room Temp

20C - 25C

Water Boils

100C