

# A Maths Dictionary for Kids: Conversion Chart

Length

Metric Unit →	x CF	US Standard Unit	x CF	Metric Unit
millimetre, mm	0.04	inch, in	25.4	millimetre, mm
centimetre, cm	0.39	inch, in	2.54	centimetre, cm
metre, m	3.28	foot, ft	30.48	centimetre, cm
metre, m	1.09	yard, yd	0.91	metre, m
kilometre, km	0.62	mile, mi	1.61	kilometre, km

Area

Metric Unit →	x CF	US Standard Unit	x CF	Metric Unit
square centimetre, cm <sup>2</sup>	0.16	square inch, in <sup>2</sup>	6.45	square centimetre, cm <sup>2</sup>
square centimetre, cm <sup>2</sup>	0.001	square foot, in <sup>2</sup>	0.09	square metre, m <sup>2</sup>
square metre, m <sup>2</sup>	1.20	square yard, yd <sup>2</sup>	0.84	square metre, m <sup>2</sup>
square kilometre, km <sup>2</sup>	0.39	square mile, mi <sup>2</sup>	2.59	square kilometre, km <sup>2</sup>
hectare, ha	2.47	acre	0.41	hectare, ha

Mass (weight)

Metric Unit →	x CF	US Standard Unit	x CF	Metric Unit
gram, g	0.04	ounce, oz	28.35	gram, g
kilogram, kg	2.20	pound, lb	0.45	kilogram, kg
metric ton, t	1.10	short ton	0.91	metric ton, t
1,000 kg		2,000 lb		1,000 kg

Volume

Metric Unit →	x CF	US Standard Unit	x CF	Metric Unit
millilitre, mL	0.02	teaspoon, tsp	4.93	millilitre, mL
millilitre, mL	0.07	tablespoon, Tbsp	14.79	millilitre, mL
millilitre, mL	0.06	cubic inch, in <sup>3</sup>	16.39	millilitre, mL
millilitre, mL	0.03	fluid ounce, fl oz	29.57	millilitre, mL
litre, L	4.23	cup, c	0.24	litre, L
litre, L	2.11	pint, pt	0.47	litre, L
litre, L	1.06	quart, qt	0.95	litre, L
litre, L	0.26	gallon, gal	3.79	litre, L
cubic metre, m <sup>3</sup>	35.31	cubic foot, ft <sup>3</sup>	0.03	cubic metre, m <sup>3</sup>
cubic metre, m <sup>3</sup>	1.31	cubic yard, yd <sup>3</sup>	0.76	cubic metre, m <sup>3</sup>

## Temperature, degrees →

Metric Unit	Conversion Formula	US Standard Unit	Conversion Formula	Metric Unit
Celsius, °C	(°C x 1.8) + 32	Fahrenheit, °F	(°F - 32) x 1.8	Celsius, °C

CF = conversion factor rounded to 2 decimal places.