

Chapter 11 – Mixed conversions

Page 204

	Million		Thousand	Hundred	Ten	One (base unit)	tenth ($\frac{1}{10}$)	hundredth ($\frac{1}{100}$)	thousandth ($\frac{1}{1000}$)
Prefixes			kilo	hecto	deca		deci	centi	milli
Length			kilometre (km)			metre (m)		centimetre (cm)	millimetre (mm)
Mass	tonne (t)		kilogram (kg)			gram (g)			milligram (mg)
Capacity						litre (L or ℓ)			millilitre (mℓ)

Metric conversions

Length

1 km = 1000 m
1 m = 100 cm
1 m = 1000 mm
1 cm = 10 mm

Mass

1 kg = 1000 g
1 tonne = 1000 kg
1 Litre weighs 1 kg.

Capacity

1 L = 1000 mℓ
1 L = 1000 cm³
1 mℓ = 1 cm³
1000 L = 1 m³

Area

1 ha = 10 000 m²
1 km² = 100 ha
1 km = 1 000 000 m²

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Page 204

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