

Dimensional Analysis Unit Conversion Chart

Length

- Metric → Metric
 - 1000 mm = 1 m
 - 100 cm = 1 m
 - 10 mm = 1 cm
 - 1000 m = 1 km
- English → English
 - 12 in = 1 ft
 - 3 ft = 1 yd
 - 1760 yds = 1 mile
 - 5280 ft = 1 mile
- *Metric → English*
 - 2.54 cm = 1 in

Time

- International
 - 60 sec = 1 min
 - 60 min = 1 hr
 - 24 hrs = 1 day
 - 7 days = 1 week
 - 52 weeks = 1 year
 - 365 days = 1 year

Mass

- Metric → Metric
 - 1000 mg = 1 g
 - 1000 g = 1 kg
- English → English
 - 16 oz = 1 lbs
- *Metric → English*
 - 454 g = 1 lbs

Volume

- Metric → Metric
 - 1000 mL = 1 L
- English → English
 - 4 qts = 1 gal
 - 2 pints = 1 qt
 - 16 fl oz = 1 pint
- *Metric → English*
 - 946 mL = 1 qt