

# Conversions

## Metric and Imperial Units

|                     |   |                   |
|---------------------|---|-------------------|
| 10 millimetres (mm) | = | 1 centimetre (cm) |
| 100 cm              | = | 1 metre           |
| 1000 m              | = | 1 kilometre (km)  |

|                      |   |                 |
|----------------------|---|-----------------|
| 1000 milligrams (mg) | = | 1 gram (g)      |
| 1000 g               | = | 1 kilogram (kg) |
| 1000 kg              | = | 1 tonne         |

|                                      |   |             |
|--------------------------------------|---|-------------|
| 1000 cubic cm (cm <sup>3</sup> , cc) | = | 1 litre (l) |
| 1000 millimetres (ml)                | = | 1 litre     |
| 100 centilitres (cl)                 | = | 1 litre     |

|          |   |                  |
|----------|---|------------------|
| 1 foot   | = | 12 inches (in)   |
| 1 yard   | = | 3 feet (ft)      |
| 1 gallon | = | 8 pints (pt)     |
| 1 ton    | = | 2240 pounds (lb) |
| 1 stone  | = | 14 pounds (lb)   |
| 1 pound  | = | 16 ounces (oz)   |

## Approximate Conversions

|         |   |                           |
|---------|---|---------------------------|
| 1 oz    | = | 25 g                      |
| 1 kg    | = | 2.2 lb                    |
| 1m      | = | 1.1 yards                 |
| 1 litre | = | 1.75 pints                |
| 1 in    | = | 2.5 cm                    |
| 1 gall  | = | 4.5 litres                |
| 1 ft    | = | 30 cm                     |
| 1 tonne | = | 1 ton                     |
| 1 mile  | = | 1.6 km (or 5 miles = 8km) |

## Conversion Table

| %        | 100% | 75%           | 66.6%         | 50%           | 33.3%         | 25%           | 12.5%         | 10%            | 5%             |
|----------|------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Fraction | 1    | $\frac{3}{4}$ | $\frac{2}{3}$ | $\frac{1}{2}$ | $\frac{1}{3}$ | $\frac{1}{4}$ | $\frac{1}{8}$ | $\frac{1}{10}$ | $\frac{1}{20}$ |
| Decimal  | 1    | 0.75          | 0.666         | 0.50          | 0.333         | 0.25          | 0.125         | 0.10           | 0.05           |

Fraction → decimal:  $\frac{1}{8} = 1 \div 8 = 0.125$

Decimal → percentage:  $0.125 \times 100 = 12.5\%$