

## Conversion Tables

### US Liquid Measures

1 gallon	=	4 quarts	=	3.79 L
1 quart	=	2 pints	=	0.95 L
1 pint	=	2 cups	=	16 fl oz
1 cup	=	8 fl oz	=	225 ml
1 tbl	=	1/2 fl oz	=	16 ml
1 tsp	=	1/3 tbl	=	5 ml

### Area Measurement

144 sq. inches	=	1 sq. foot
9 sq. feet	=	1 sq. yard
30.25 sq. yards	=	1 sq. rod
150 sq. rods	=	1 acre
640 acres	=	1 sq. mile
1 sq. mile	=	1 section

### Weight

1 ounce	=	28.4 g
1 pound	=	454 g
1 kg	=	2.2 pounds

### Temperature

°F	=	$(9/5)°C + 32$
°C	=	$(5/9)(°F - 32)$
°C	=	K - 273
K	=	°C + 273

### US Linear Measurements

12 inches	=	1 foot
3 feet	=	1 yard
5.5 yards	=	1 rod
40 rods	=	1 furlong
8 furlongs	=	1 mile

### Kitchen Measurements

3 tsp	=	1 tbsp
4 tbsp	=	1/4 cup
5 1/3 tbsp	=	1/3 cup
16 tbsp	=	1 cup
2 cups	=	1 pint
4 cups	=	1 quart
2 pints	=	1 quart
4 quarts	=	1 gallon

### Metric Conversions

Scientific Notation	Full Number	Words	SI Prefix	SI Symbol
$1 \times 10^{12}$	1,000,000,000,000	trillion	tera-	T
$1 \times 10^9$	1,000,000,000	Billion	giga-	G
$1 \times 10^6$	1,000,000	Million	mega-	M
$1 \times 10^3$	1,000	Thousand	kilo-	k
$1 \times 10^2$	100	Hundred	hecto-	h
$1 \times 10^1$	10	Ten	deca-	da
$1 \times 10^0$	1	One		
$1 \times 10^{-1}$	0.1	Tenth	deci-	d
$1 \times 10^{-2}$	0.01	Hundredth	centi-	c
$1 \times 10^{-3}$	0.001	Thousandth	milli-	m
$1 \times 10^{-6}$	0.000001	Millionth	micro-	$\mu$
$1 \times 10^{-9}$	0.000000001	Billionth	nano-	n
$1 \times 10^{-12}$	0.000000000001	trillionth	pico-	p