

# CONVERSION FACTOR TABLE



<u>To change:</u>	<u>To:</u>	<u>Multiply by:</u>
Centimeters	inches	.3937
Centimeters	feet	.03281
Cubic feet	cubic meters	.0283
Cubic meters	cubic feet	35.3145
Cubic meters	cubic yards	1.3079
Cubic yards	cubic meters	.7646
Fathoms	feet	6
Feet	meters	.3048
Feet	miles(naut.)	.0001645
Feet	miles(land)	.0001894
Feet/second	miles/hour	.6818
Gallons	liters	3.7853
Grams	pounds	.002205
Inches	millimeters	25.4
Inches	centimeters	2.54
Kilometers	miles	.6214
Liters	gallons	.2642
Liters	pints(dry)	1.8162
Liters	pints(liquid)	2.1134
Liters	quarts(dry)	.9081
Liters	quarts(liquid)	1.0567
Meters	feet	3.2808
Meters	miles	.0006214
Meters	yards	1.0936
Metric tones	tons(long)	.9842

To convert Fahrenheit to Celsius (Centigrade), subtract 32 and multiply by 5/9 (.5556)

To convert Celsius (Centigrade) to Fahrenheit, multiply by 9/5 (1.8) and add 32.

### Decimal Equivalents of Common Fractions

1/2	.5000	1/8	.1250	2/3	.6667	4/5	.8000
1/3	.3333	1/9	.1111	2/5	.4000	5/6	.8333
1/4	.2500	1/10	.1000	3/4	.7500	5/8	.6250
1/5	.2000	1/16	.0625	3/5	.6000	7/8	.8750
1/6	.1667	1/32	.0313	3/8	.3750	7/10	.7000
1/7	.1429	1/64	.0156	3/10	.3000	9/10	.9000

<u>To change:</u>	<u>To:</u>	<u>Multiply by:</u>
Metric tons	tons(short)	1.1023
Miles	kilometers	1.6093
Miles	feet	5280
Miles(naut.)	miles(land)	1.1516
Miles(land)	miles(naut.)	.8684
Miles/hour	feet/minute	88
Millimeters	inches	.0394
Ounces	pounds	.0625
Pints (dry)	liters	.5506
Pints (liquid)	liters	.4732
Pounds	ounces	16
Quarts(dry)	liters	1.1012
Quarts(liquid)	liters	.9463
Sq. feet	sq. meters	.0929
Sq. kilometers	sq. miles	.3861
Sq. meters	sq. feet	10.7639
Sq. meters	sq. yards	1.196
Sq. miles	sq. kilometers	2.59
Sq. yards	sq. meters	.8361
Tons(long)	metric tons	1.016
Tons(short)	metric tons	.9072
Tons(long)	pounds	2240
Tons(short)	pounds	2000
Yards	meters	.9144
Yards	miles	.0005682