

# CONVERSION TABLES

## LINEAR MEASURE

To Convert	To	Multiply By
centimeters	feet	0.0328084
centimeters	inches	0.3937
centimeters	kilometers	0.00001
centimeters	meters	0.01
centimeters	millimeters	10
fathoms	feet	6
feet	centimeters	30.48
feet	meters	0.3048
feet	miles, statute	0.0001894
inches	centimeters	2.54
inches	miles, statute	0.00001578
inches	millimeters	25.4
kilometers	feet	3,280.84
kilometers	meters	1,000
kilometers	miles, naut.	0.54
kilometers	miles, statute	0.6214
light years	miles, statute	5.878 trillion
meters	centimeters	100
meters	feet	3.28084
meters	kilometers	0.001
meters	miles, statute	0.0006214
meters	millimeters	1,000
meters	yards	1.093613
microns	meters	0.000001
miles, statute	feet	5,280
miles, statute	kilometers	1.609
miles, statute	miles, naut.	0.8684
millimeters	inches	0.03937
yards	meters	0.9144
yards	miles, statute	0.0005682

## AREA

To Convert	To	Multiply By
acres	hectares	0.4047
acres	sq. feet	43,560
acres	sq. miles	0.001562
centares	sq. meters	1
hectares	acres	2.471
hectares	sq. miles	0.003861
sq. cm.	sq. inches	0.155
sq. feet	sq. inches	144
sq. feet	sq. meters	0.092903
sq. feet	sq. yards	0.111111
sq. inches	sq. cm.	6.4516
sq. meters	sq. yards	1.196
sq. yards	sq. feet	9

## TEMPERATURE

To Convert	To	Compute
Celsius	Fahrenheit	$(^{\circ}\text{C} \times 1.8) + 32$
Fahrenheit	Celsius	$(^{\circ}\text{F} - 32) \div 1.8$

## WEIGHT

To Convert	To	Multiply By
grams	kilograms	0.001
grams	ozs., avdp.	0.03527
grams	ozs., troy	0.03215
grams	lbs., avdp.	0.002205
kilograms	ozs., avdp.	35.274
kilograms	lbs., avdp.	2.205
ozs., avdp.	grams	28.34952
ozs., avdp.	lbs., avdp.	0.0625
ozs., troy	ozs., avdp.	1.09714
lbs., avdp.	kilograms	0.4536
lbs., avdp.	ozs., avdp.	16
lbs., avdp.	ozs., troy	14.5833
lbs., avdp.	lbs., troy	1.21528
tons, long	kilograms	1,016
tons, long	pounds	2,240
tons, long	tons, short	1.12
tons, metric	tons, short	1.1023
tons, short	kilograms	907.1848
tons, short	pounds	2,000
tons, short	tons, long	0.89286

## VOLUME & LIQUID

To Convert	To	Multiply By
bushels	cubic inches	2,150.4
cubic cm.	cubic inches	0.06102
cubic cm.	pints, U.S.	0.002113
cubic feet	cubic meters	0.02832
cubic inches	cubic cm.	16.3871
gallons, U.S.	liters	3.785
liters	cubic cm.	1,000
liters	cubic inches	61.024
liters	gal., U.S.	0.2642
liters	milliliters	1,000
liters	pints, U.S.	2.113
milliliters	liters	0.001
pints, U.S.	cubic cm.	473.2
pints, U.S.	cubic inches	28.875
pints, U.S.	gal., U.S.	0.125
pints, U.S.	quarts, U.S.	0.5
quarts, dry	cubic inches	67.2
quarts, liq.	cubic inches	57.75
quarts, liq.	gal., U.S.	0.25
quarts, liq.	liters	0.9463

## SPEED

To Convert	To	Multiply By
feet/min.	cm./sec.	0.508
feet/sec.	miles/hr.	0.6818
km./hr.	knots	0.5396
knots	feet/hr.	6,076.1
knots	statute mi./hr.	1.151