

MATHEMATICS OF CONVERSIONS

To Convert	Multiply by	To Obtain
inches	2.54	centimeters
inches	25.4	millimeters
feet	30	centimeters
millimeters	0.04	inches
grams	0.035	ounces
ounces	28	grams
pounds	0.45	kilograms
milliliters	0.03	fluid ounces
liters	2.1	pints
liters	1.06	quarts
liters	0.26	U.S. gallons
fluid ounces	30	milliliters
U.S. gallons	3.8	liters

Celsius to Fahrenheit: Multiply by 9, divide by 5, add 32.

Fahrenheit to Celsius: Subtract 32, multiply by 5, divide by 9.