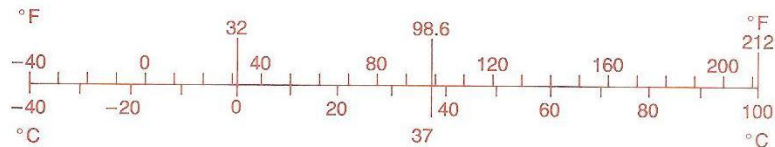


METRIC CONVERSION FACTORS (Approximate)

Conversions TO Metric Measures

	Symbol	When You Know	Multiply By	To Find	Symbol
LENGTH	in	inches	2.54	centimeters	cm
	ft	feet	30.48	centimeters	cm
	yd	yards	0.9	meters	m
	mi	miles	1.6	kilometers	km
AREA	in ²	square inches	6.5	square centimeters	cm ²
	ft ²	square feet	0.09	square meters	m ²
	yd ²	square yards	0.8	square meters	m ²
	mi ²	square miles	2.6	square kilometers	km ²
		acres	0.4	hectares	ha
MASS (Weight)	oz	ounces	28	grams	g
	lb	pounds	0.45	kilograms	kg
		short tons (2000 lb)	0.9	tonnes	t
VOLUME	tsp	teaspoons	5	milliliters	ml
	Tbsp	tablespoons	15	milliliters	ml
	fl oz	fluid ounces	30	milliliters	ml
	c	cups	0.24	liters	l
	pt	pints	0.47	liters	l
	qt	quarts	0.95	liters	l
	gal	gallons	3.8	liters	l
	ft ³	cubic feet	0.03	cubic meters	m ³
	yd ³	cubic yards	0.76	cubic meters	m ³
TEMP.	°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

$$^{\circ}\text{C} = \frac{5}{9} (^{\circ}\text{F} - 32)$$



Conversions FROM Metric Measures

	Symbol	When You Know	Multiply By	To Find	Symbol
LENGTH	mm	millimeters	0.04	inches	in
	cm	centimeters	0.4	inches	in
	m	meters	3.3	feet	ft
	m	meters	1.1	yards	yd
	km	kilometers	0.6	miles	mi
AREA	cm ²	square centimeters	0.16	square inches	in ²
	m ²	square meters	1.2	square yards	yd ²
	km ²	square kilometers	0.4	square miles	mi ²
	ha	hectares (10,000 m ²)	2.5	acres	
MASS (Weight)	g	grams	0.035	ounces	oz
	kg	kilograms	2.2	pounds	lb
	t	tonnes (1000 kg)	1.1	short tons	
VOLUME	ml	milliliters	0.03	fluid ounces	fl oz
	l	liters	2.1	pints	pt
	l	liters	1.06	quarts	qt
	l	liters	0.26	gallons	gal
	m ³	cubic meters	35	cubic feet	ft ³
	m ³	cubic meters	1.3	cubic yards	yd ³
	°C	Celsius temperature	9/5 (then add 32)	Fahrenheit temperature	°F

$$^{\circ}\text{F} = \frac{9}{5} (^{\circ}\text{C} + 32)$$

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