

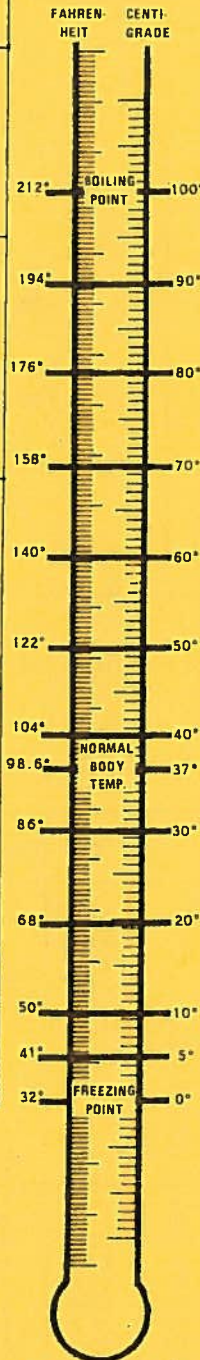
METRIC CONVERSION

Approximate Conversions To Metric Measures

	Symbol	When You Know	Multiply By	To Find	Symbol
LENGTH	in	inches	*2.5	centimeters	cm
	ft	feet	30	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	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	

Approximate Conversions From Metric Measures

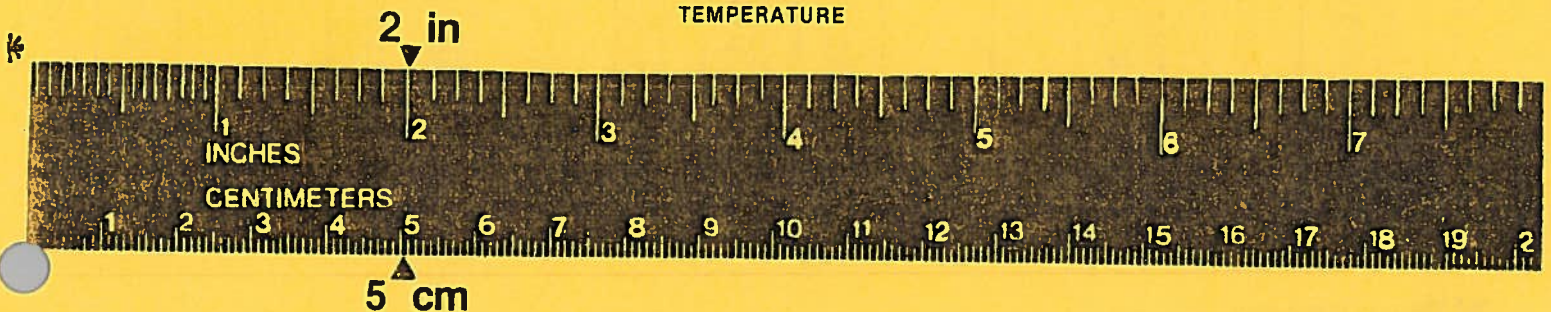
Symbol	When you Know	Multiply By	To Find	Symbol	
mm	millimeters	0.04	inches	in	LENGTH
cm	centimeters	0.4	inches	in	
m	meters	3.3	feet	ft	
m	meters	1.1	yards	yd	
km	kilometers	0.6	miles	mi	
cm ²	square centimeters	0.16	square inches	in ²	AREA
m ²	square meters	1.2	square yards	yd ²	
km ²	square kilometers	0.4	square miles	mi ²	
ha	hectares (10,000 m ²)	2.5	acres		
g	grams	0.035	ounces	oz	MASS
kg	kilograms	2.2	pounds	lb	
t	tonnes (1000 kg)	1.1	short tons		
ml	milliliters	0.03	fluid ounces	floz	VOLUME
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	



Pressure
 1 atmosphere = 1013.25 mb
 = 1013.25 hectopascals
 = 29.92 in Hg
 = 14.6959 psi

To Compute Fahrenheit:
 Multiply Centigrade by 1.8 and add 32.

To Compute Centigrade:
 Subtract 32 from Fahrenheit and divide by 1.8.



PETROL AND OIL GALLONS AND LITERS				SPEEDS — MILES AND KILOMETERS				DISTANCES — MILES AND KILOMETERS			
LITERS	GALLONS	LITERS	GALLONS	KILOMETERS PER HOUR	M.P.H.	M.P.H.	KILOMETERS PER HOUR	MILES	KILOMETERS	MILES	KILOMETERS
4.55	1	1	0.22	10	6	10	16	0.62	1	1	1.61
9.09	2	2	0.44	20	12½	20	32	1.24	2	2	3.22
13.65	3	3	0.66	30	19	30	48	1.86	3	3	4.83
18.18	4	4	0.88	40	25	40	64	2.48	4	4	6.44
22.73	5	5	1.10	50	31	50	80	3.11	5	5	8.05
27.28	6	6	1.32	60	37	60	96	3.73	6	6	9.66
31.82	7	7	1.54	70	43	70	113	4.35	7	7	11.27
36.37	8	8	1.76	80	50	80	129	4.97	8	8	12.87
40.92	9	9	1.98	90	56	90	145	5.59	9	9	14.48
45.46	10	10	2.20	100	62	100	161	6.2	10	10	16.1
90.92	20	20	4.40	110	68	110	177	12.4	20	20	32.2
136.38	30	30	6.60	120	75	120	193	18.6	30	30	48.3
181.84	40	40	8.80	130	81	130	209	24.8	40	40	64.4
227.30	50	50	11.01	140	87	140	225	31	50	50	80.5
349.95	75	75	16.5	150	93	150	241	37	60	60	96.6
454.60	100	100	22.0	160	99	160	257	43	70	70	112.7
909.18	200	200	44.0					50	80	80	128.7
								56	90	90	144.8
								62	100	100	161

For a quick conversion.

Kms to Miles, divide the Km distance by 8, then multiply the result by 5.

Miles - Kilometers		Pounds - Kilograms		Ounces - Grams		°F °C		Inches - Millimeters		Feet - Meters		Pints - Liters		Gallons - Liters	
1	1.609	1	0.5	¼	7.1	-30	-34.0	1/32	.79	1	0.3	½	236	1	3.8
2	3.218	2	0.9	½	14.2	-20	-29.0	1/16	1.59	2	0.6	1.0	.473	2	7.6
3	4.827	3	1.4	¾	21.3	-10	-23.0	1/8	3.175	3	0.9	1½	.709	3	11.4
4	6.436	4	1.8	1	28.4	0	-17.8	1/4	6.35	4	1.2	2.0	.946	4	15.1
5	8.045	5	2.3	2	56.7	4	-15.6	3/8	9.53	5	1.5	2½	1.183	5	18.9
6	9.654	6	2.7	3	85.0	8	-13.3	1/2	12.7	6	1.8	3.0	1.419	6	22.7
7	11.263	7	3.2	4	113.4	12	-11.1	5/8	15.88	7	2.1	3½	1.656	7	26.5
8	12.872	8	3.6	5	141.7	16	-8.9	3/4	19.05	8	2.4	4.0	1.893	8	30.3
9	14.481	9	4.1	6	170.1	20	-6.7	7/8	22.23	9	2.7	4½	2.129	9	34.1
10	16.090	10	4.5	7	198.4	24	-4.4	1.0	25.4	10	3.0	5.0	2.366	10	37.9
11	17.699	11	5.0	8	226.8	28	-2.2	1½	38.1	15	4.6	5½	2.602	11	41.6
12	19.308	12	5.4	9	255.1	32	0.0	2.0	50.8	20	6.1	6.0	2.839	12	45.4
13	20.917	13	5.9	10	283.5	36	2.2	2½	63.5	25	7.6	6½	3.075	13	49.2
14	22.526	14	6.4	11	311.8	42	5.6	3.0	76.2	30	9.1	7.0	3.312	14	53.
15	24.135	15	6.8	12	340.2	46	7.8	3½	88.9	35	10.7	7½	3.549	15	56.8
16	25.744	16	7.3	13	368.5	52	11.1	4.0	101.6	40	12.2	8.0	3.786	16	60.6
17	27.353	17	7.7	14	396.9	56	13.3	4½	114.3	45	13.7			17	64.3
18	28.962	18	8.2	15	425.2	60	15.6	5.0	127.0	50	15.2			18	68.1
19	30.571	19	8.6	16	453.6	64	17.8	5½	139.7	55	16.8			19	71.9
20	32.180	20	9.1			68	20.0	6.0	152.4	60	18.3			20	75.7
30	48.270	25	11.34			72	22.2	6½	165.1	65	19.8			30	113.6
40	64.360	30	13.61			76	24.4	7.0	177.8	70	21.3			40	151.4
50	80.450	40	18.14			80	26.7	7½	190.5	75	22.9			50	189.3
60	96.54	50	22.68			84	28.9	8.0	203.2	80	24.4			60	227.1
70	112.63	60	27.22			88	31.1	8½	215.9	85	25.9			70	264.9
80	128.72	70	31.75			92	33.3	9.0	228.6	90	27.4			80	302.8
90	144.81	80	36.29			96	35.6	9½	241.3	95	29.0			90	340.7
100	160.90	90	40.82			100	37.8	10.0	254.0	100	30.5			100	378.5
200	321.80	100	45.36			110	43	10½	266.7						
300	482.70					120	49	11.0	279.4						
400	643.60							11½	292.1						
500	804.50							12.0	304.8						

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