

Measurements

Length			
metric			imperial
1 millimetre [mm]			0.0394 in
1 centimetre [cm]	10 mm		0.3937 in
1 metre [m]	100 cm		1.0936 yd
1 kilometre [km]	1000 m		0.6214 mile
imperial			metric
1 inch [in]			2.54 cm
1 foot [ft]	12 in		0.3048 m
1 yard [yd]	3 ft		0.9144 m
1 mile	1760 yd		1.6093 km
1 int nautical mile			1.852 km

Area			
metric			imperial
1 sq cm [cm ²]	100 mm ²		0.1550 in ²
1 sq m [m ²]	10,000 cm ²		1.1960 yd ²
1 hectare [ha]	10,000 m ²		2.4711 acres
1 sq km [km ²]	100 ha		0.3861 mile ²
imperial			metric
1 sq inch [in ²]			6.4516 cm ²
1 sq foot [ft ²]	144 in ²		0.0929 m ²
1 sq yd [yd ²]	9 ft ²		0.8361 m ²
1 acre	4840 yd ²		4046.9 m ²
1 sq mile [mile ²]	640 acres		2.59 km ²

Volume/Capacity			
metric			imperial
1 cu cm [cm ³]			0.0610 in ³
1 cu decimetre [dm ³]	1,000 cm ³		0.0353 ft ³
1 cu metre [m ³]	1,000 dm ³		1.3080 yd ³
1 litre [l]	1 dm ³		1.79 pt
1 hectolitre [hl]	100 l		21.997 gal
imperial			metric
1 cu inch [in ³]			16.387 cm ³
1 cu foot [ft ³]	1,728 in ³		0.0283 m ³
1 fluid ounce [fl oz]			28.413 ml
1 pint [pt]	20 fl oz		0.5683 l
1 gallon [gal]	8 pt		4.5461 l

Mass			
metric			imperial
1 milligram [mg]			0.0154 grain
1 gram [g]	1,000 mg		0.0353 oz
1 kilogram [kg]	1,000 g		2.2046 lb
1 tonne [t]	1,000 kg		0.9842 ton
imperial			metric
1 ounce [oz]	437.5 grain		28.35 g
1 pound [lb]	16 oz		0.4536 kg
1 stone	14 lb		6.3503 kg
1 hundredweight [cwt]	112 lb		50.802 kg
1 ton	20 cwt		1.016 t

$1^{\circ}\text{C} = 33.8^{\circ}\text{F}$
 $1^{\circ}\text{F} = -17^{\circ}\text{C}?$

1.000 Celcius = 33.8000 Fahrenheit
 1.000 Fahrenheit = 17.2222 Celcius

°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
340	644	160	320	40	104	22	71.6	4	39.2
330	626	150	302	39	102.2	21	69.8	3	37.4
320	608	140	284	38	100.4	20	68	2	35.6
310	590	130	266	37	98.6	19	66.2	1	33.8
300	572	120	248	36	96.8	18	64.4	zero	32
290	554	110	230	35	95	17	62.6	-1	30.2
280	536	100	212	34	93.2	16	60.8	-2	28.4
270	518	95	203	33	91.4	15	59	-3	26.6
260	500	90	194	32	89.6	14	57.2	-4	24.8
250	482	85	185	31	87.8	13	55.4	-5	23
240	464	80	176	30	86	12	53.6	-6	21.3
230	446	75	167	29	84.2	11	51.8	-7	19.4
220	428	70	158	28	82.4	10	50	-8	17.6
210	410	65	149	27	80.6	9	48.2	-9	15.8
200	392	60	140	26	78.8	8	46.4	-10	14
190	374	55	131	25	77	7	44.6		
180	356	50	122	24	75.2	6	42.8		
170	338	45	113	23	73.4	5	41		

Centigrade = (F-32)/5/9
 Fahrenheit = 9/5 (C+32)