

a p p e n d i x D

Metric–Apothecary Equivalents and Conversions

Liquid Measurements		
METRIC	APPROXIMATE APOTHECARY EQUIVALENTS	APPROXIMATE HOUSEHOLD EQUIVALENTS
1000 mL	32 fluid ounces (1 quart)	1 quart
500 mL	16 fluid ounces (1 pint)	1 pint
250 mL	8 fluid ounces	1 measuring cup
30 mL	1 fluid ounce	2 tablespoonfuls
15 mL	4 fluid drams	1 tablespoonful
4 or 5 mL	1 fluid dram	1 teaspoonful
1 mL*	15 or 16 minims	
0.06 mL	1 minim	1 drop

*1 milliliter (mL) is the approximate equivalent of 1 cubic centimeter (cc).

Weights		
METRIC	APPROXIMATE APOTHECARY EQUIVALENTS	
30 g	1 ounce	
15 g	4 drams	
4 g	60 grams (1 dram)	
1 g	15 or 16 grains	
300 mg	5 grains	
60 mg	1 grain	
30 mg	1/2 grain	
10 mg	1/6 grain	
6 mg	1/10 grain	
1 mg	1/60 grain	
0.6 mg	1/100 grain	
0.5 mg	1/120 grain	
0.4 mg	1/150 grain	
0.3 mg	1/200 grain	
0.2 mg	1/300 grain	
0.1 mg	1/600 grain	

Other Equivalents and Conversions

METRIC

1 kg = 1000 g
 1 g = 1000 mg
 1 mg = 0.001 g
 1 g = 0.001 mg
 1 liter = 1000 mL

WEIGHT

1 kg = 2.2 pounds (lb)
 1 lb = 453.6 g (0.454 kg)

LENGTH

1 cm = 0.39 in
 1 inch = 2.54 cm

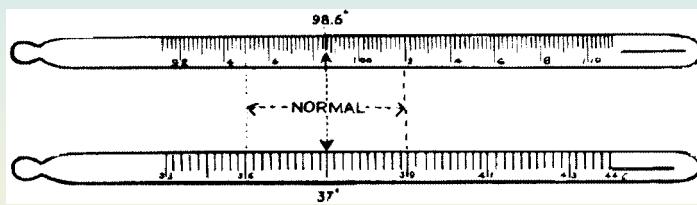
Celsius (Centigrade) and Fahrenheit Temperatures

CELSIUS (CENTIGRADE) 0

36.0	96.8
36.5	97.7
37.0	98.6
37.5	99.5
38.0	100.4
38.5	101.3
39.0	102.2
39.5	103.1
40.0	104.0
40.5	104.9
41.0	105.8
41.5	106.7
42.0	107.6

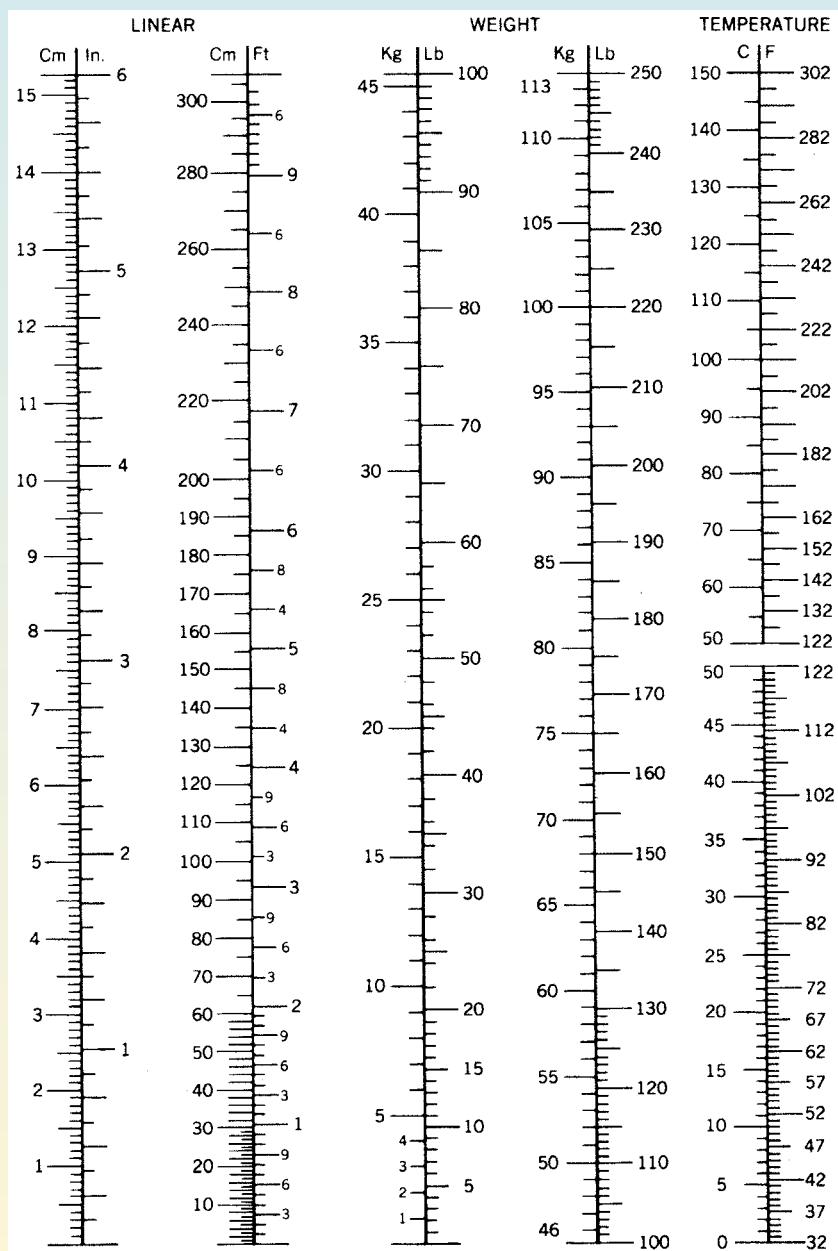
FAHRENHEIT 32

FAHRENHEIT



To convert degrees F to degrees C
 Subtract 32, then multiply by 5/9
 To convert degrees C to degrees F
 Multiply by 9/5, then add 32

Comparative Scales of Measures, Weights, and Temperatures



*2.5 cm = 1 inch; 1 kg = 2.2 lb.