

## IMPERIAL, SPECIALIST & OBSOLETE UNITS OF MEASURE

- [Roman Numerals](#)
- [Imperial Units of Length](#)
- [Gunter's Chain Measure](#)
- [Nautical and Geographical Measure](#)
- [Miscellaneous Measure](#)
- [Imperial Units of Area](#)
- [Imperial Units of Capacity](#)
- [Beer Measure](#)
- [Imperial Units of Weight - Avoirdupois System](#)
- [Apothecaries Weight](#)
- [Troy Weight](#)
- [UK Pre-decimal Currency](#)

### ROMAN NUMERALS

1 = I	11 = XI	30 = XXX
2 = II	12 = XII	40 = XL
3 = III	13 = XIII	50 = L
4 = IV	14 = XIV	60 = LX
5 = V	15 = XV	70 = LXX
6 = VI	16 = XVI	80 = LXXX
7 = VII	17 = XVII	90 = XC
8 = VIII	18 = XVIII	100 = C
9 = IX	19 = XIX	500 = D
10 = X	20 = XX	1000 = M

### IMPERIAL UNITS OF LENGTH

1 milli-inch (mil) =	1 thou or mil	
1000 milli-inch (mil) =	1 inch =	25.400 mm
12 inches (in) =	1 foot =	0.3048 m
3 feet (ft) =	1 yard =	0.9144 m
5.5 yards (yd) =	1 perch, rod or pole =	5.0292 m
40 perches =	1 furlong =	0.2012 km
8 furlongs =	1 mile =	1.6093 km
3 miles =	1 league =	4.8280 km

### GUNTER'S CHAIN MEASURE

1 link =	7.92 inches =	0.2012 m
25 links =	1 pole =	5.0292 m
100 links =	1 chain (22 yards = length of cricket pitch)	20.1168 m
10 chains =	1 furlong =	0.2012 km
80 chains =	1 mile =	1.6093 km

### IMPERIAL UNITS OF AREA

	1 sq. inch =	645.1600 mm <sup>2</sup>
144 sq. inches =	1 sq. foot =	929.0304 cm <sup>2</sup>
9 sq. feet =	1 sq. yard =	0.8361 m <sup>2</sup>
30¼ sq. yards =	1 sq. perch =	25.2928 m <sup>2</sup>
40 sq. perches =	1 rood =	1011.7141 m <sup>2</sup>
4 roods =	1 acre (4840 yards <sup>2</sup> ) =	4.4686 hectares
640 acres =	1 sq. mile =	2.5900 km <sup>2</sup>

	1 sq. chain =	
16 sq. perches =	1 acre =	404.6856 m <sup>2</sup>
10 sq. chains =	7840 sq. yards =	4.4686 hectares
1 Irish Acre =		6.5552 hectares

### NAUTICAL & GEOGRAPHICAL MEASURE

6 feet =	1 fathom =	1.8288 m
100 fathoms =	1 cable =	182.880 m
10 cables =	1 nautical mile =	1.8288 km
3 Nautical miles =	1 nautical league =	5.4864 km
1 UK Nautical mile =	2029 yards =	1.8553 km
1 International Nautical mile =	6080 feet =	1.8532 km
1 Telegraph Nautical mile =	6087 feet =	1.8553 km

### MISCELLANEOUS MEASURE

1 palm =	3 inches =	76.2 mm
1 hand =	4 inches =	101.6 mm
1 span =	9 inches =	22.86 cm
1 cubit =	18 inches =	45.72 cm
1 pace =	5 feet =	1.524 m
1 mile =	1760 yards =	1.6093 km
1 Irish mile =	2240 yards =	2.0483 km
1 Irish perch =	7 yards =	6.4008 m
1 Light year	6 000 000 million miles (approx)	9.6561 Tm (terametres)
1 parsec	3¼ light years (19 billion miles)	30.5775 Tm

### IMPERIAL UNITS OF CAPACITY

	1 minim =	0.0592 ml
60 minims =	1 fluid drachm (fl drm) =	3.5516 ml
8 fl drm =	1 fluid ounce (fl oz) =	2.8413 cl
5 fl oz =	1 gill =	1.4206 dl
4 gill =	1 pint (pt) =	0.5683 litres (l)
2 pt =	1 quart (qt) =	1.1365 l
4 qt =	1 gallon (gal) =	4.5461 l
2 gal =	1 peck (pk) =	9.0922 l
4 pk =	1 bushel (bu) =	36.369 l
8 bu =	1 quarter (qr) =	290.95 l
5 qr =	1 load or wey =	1.4547 kl
2 loads =	1 last =	2.9095 kl
4½ qr =	1 chaldron =	1.3093 kl

### BEER MEASURE

Nip =	¼ pt =	0.142 litres (l)
Small =	½ pt =	0.2841 l
Large =	1 pt =	0.5683 l
Flagon =	1 qt =	1.136 l
Pin =	4½ gal =	11.365 l
Six =	6 gal =	27.277 l
Firkin (2 pins) =	9 gal =	40.915 l
Anker =	10 gal =	45.461 l
Kilderkin (2 Firkins) =	18 gal =	81.830 l
Barrel (2 Kilderkins) =	36 gal =	163.66 l
Hogshead =	54 gal =	245.49 l
Puncheon =	72 gal =	327.32 l

Butt or Pipe =	108 gal =	490.98 l
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### IMPERIAL WEIGHT - AVOIRDUPOIS

1 grain =	1 grain troy or apothecary. =	0.0648 g
437½ grains =	1 ounce (oz) =	28.3495 g
16 drams =	1 ounce =	28.3495 g
16 ounces =	1 pound (lb) =	0.4536 kg
14 pounds =	1 stone (st) =	6.35.3 kg
2 stones =	1 quarter (qr) =	12.7006 kg
4 quarters =	1 hundredweight (cwt) =	50.8023 kg
20 cwt =	1 UK ton =	1.016 tonnes

### APOTHECARIES WEIGHT

1 grain apoth. =	1 grain troy or avoir. =	64.7989 mg
20 grains (gr) =	1 scruple =	1.2960 g
24 grains =	1 pennyweight =	1.5552 g
3 scruples =	1 drachm (drm) =	3.8897 g
8 drachms =	1 ounce (oz) =	31.1035 g
12 ounces =	1 pound (lb) =	0.3732 kg

### TROY WEIGHT

1 grain troy =	1 grain apoth. or avoir. =	64.7989 mg
24 grains =	1 pennyweight (dwt) =	1.5552 g
20 pennyweight =	1 ounce =	31.1053 g
12 ounces =	1 pound =	0.3732 kg

### UK PRE-DECIMALISATION CURRENCY (before 14th Feb 1971)

2 farthings =	½ penny (½d) =	0.02083p
2 halfpennies =	1 penny (1d) =	0.4166p
4 pennies =	1 groat (4d) =	1.666p
12 pennies =	1 shilling (1s) =	5p
2 shillings =	1 florin (2s) =	10p
2 shillings & sixpence =	1 halfcrown (2/6) =	12½p
5 shillings =	1 crown (5s) =	25p
13 shillings and fourpence =	1 mark =	66.66p
20 shillings =	1 Pound (£) =	£1.00
21 shillings =,..	1 Guinea (£1-1-0) =	£1.05

### MONEY SLANG

Hape = ½d	Bob = 1s	Pony = £25
Copper = 1d	Half Dollar = 2/6	Ton = £100
Tanner = 6d	Quid or Nicker = £1.00	Grand = £1000