

WEIGHTS AND MEASURES

WORLD TRAVEL GUIDE

UMTC Travels

ANGULAR MEASURE	LONG MEASURE	TROY WEIGHT
60 seconds = 1 minute 60 minutes = 1 degree 30 degrees = 1 sign 90 degrees = 1 quadrant 4 quadrants / 360 degrees = 1 circumference / great circle	12 inches = 1 foot 3 feet = 1 yard 5.5 yards = 1 rod 40 rods = 1 furlong 8 furlongs = 1 statute mile 3 miles = 1 league	24 grains = 1 pwt 20 pwt = 1 ounce 12 ounces = 1 pound Used for weighing gold, silver and jewels.
APOTHECARIES WEIGHT	MARINER'S MEASURE	THE METRIC SYSTEM
20 grains = 1 scuple 3 scuples = 1 dram 8 drams = 1 ounce 12 ounces = 1 pound	6 feet = 1 fathom 120 fathoms = 1 cable length 7.5 cable lengths = 1 mile 5280.2 feet = 1 statute mile 6080.2 feet = 1 nautical mile	CUBIC MEASURE 1000cu.millimetres = 1 cu. centimetre 1000cu.centimetres = 1 cu. decimetre 1000cu.decimetres = 1 cu. metre
AVOIRDUPOIS WEIGHT	MISCELLANEOUS	LINEAR MEASURE
27 11/32 grains = 1 dram 16 drams = 1 ounce 16 ounces = 1 pound 28 pounds = 1 quarter 4 quarters = 1 cwt 2000 pounds = 1 short ton 2240 pounds = 1 long ton	3 inches = 1 palm 4 inches = 1 hand 6 inches = 1 span 18 inches = 1 cubit 21.8 inches = 1 bible cubit 2.5 feet = 1 military pace	10 millimetres = 1 centimetre 10 centimetres = 1 decimetre 10 decimetres = 1 metre 10 metres = 1 decametre 10 decametres = 1 hectometre 10 hectometres = 1 kilometre
CLOTH MEASURE	SQUARE MEASURE	LIQUID MEASURE
2 1/4 inches = 1 nail 4 nails = 1 quarter 4 quarters = 1 yard	144 sq. inches = 1 sq. foot 9 sq. feet = 1 sq. yard 30.5 sq. yards = 1 sq. rod 40 sq. rods = 1 rood 4 roods = 1 acre 640 acres = 1 sq. mile	10 millilitres = 1 centilitre 10 centilitres = 1 decilitre 10 decilitres = 1 litre 10 litres = 1 decalitre 10 decalitres = 1 hectolitre 10 hectolitres = 1 kilolitre
CUBIC MEASURE	SURVEYOR'S MEASURE	SQUARE MEASURE
1728 cu. inches = 1 cu. foot 27 cu. feet = 1 cu. yard 128 cu. feet = 1 cord (wood) 40 cu. feet = 1 ton (shipping) 2150.42 cu. inches = 1 std. bushel 231 cu. inches = 1 US std. gallon 1 cu. feet ~ 4/5 of a bushel	7.92 inches = 1 link 25 links = 1 rod 4 rods = 1 chain 10 sq. chains / 160 sq. rods = 1 acre 640 acres = 1 sq. mile 36 sq. mile (6 mile sq.) = 1 township	100sq.millimetres = 1 sq.centimetre 100sq.centimetres = 1 sq.decimetre 100sq.decimetres = 1 sq.metre 100sq.metres = 1 sq.decametre 100sq.decametres = 1 sq.hectometre 100sq.hectometres = 1 sq.kilometre
DRY MEASURE	TIME MEASURE	WEIGHTS
2 pints = 1 quart 8 quarts = 1 peck 4 pecks = 1 bushel 36 bushels = 1 chaldron	60 seconds = 1 minute 60 minutes = 1 hour 24 hours = 1 day 7 days = 1 week 28/29/30/31 days = 1 cal. month 30 days = 1 month = in compound interest 365 days = 1 year (366 days 1 leap year)	10 milligrams = 1 centigram 10 centigrams = 1 decigram 10 decigrams = 1 gram 10 grams = 1 decagram 10 decagrams = 1 hectogram 10 hectograms = 1 kilogram 100 kilograms = 1 quintal 10 quintals = 1 ton
LIQUID MEASURE		
4 gills = 1 pint 2 pints = 1 quart 4 quarts = 1 gallon 31.5 gallons = 1 barrel 2 barrels = 1 hogshead		
EARTH ROTATION : The earth rotates at a velocity of 15 degrees an hour. (about 17.366 miles a minute at a Equator, i.e. 1 degree is therefore equal to 4 minutes)		

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