

French Metres.

.0254
.3048
.9144
1.8287
5.0291
201.16
1009.315

ghed in the air, at

Grammes.

1.771846
28.34954
53.59
30.
102.
10.

ht

sh.

) grs.

3 scrs. = 5760 grs.

the grain, ounce

0 lbs.

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SQUARE MEASURE

Inches	Feet.	Yards.	Perches.	Roods.	Acres.	Sq. Metres.
1.	= .00694	= .000772	= .0000255	= .00000064	= .000000159	= .000045
144.	1.	.111	.00367	.0000618	.000023	.0929
1296.	9.	1.	.0331	.000826	.0002066	.8361
39204.	272.25	30.25	1.	.025	.00625	25.292
1508160.	10890.	1210.	40.	1.	.25	1011.7
6272640.	43560.	4840.	160.	4.	1.	4046.7

100 Square Feet = 1 Square.
10 Square Chains = 1 Acre.
1 Chain Wide = 8 Acres per Mile.
1 Hectare = 2.471143 Acres.
1 Square Mile = 27,878,400 Square Feet.
3,097,600 Square Yards.
640 Acres.

Acres	x	0015625	=	Square Miles.
Square Yards	x	00000323	=	Square Miles.
Acres	x	4840	=	Square Yards.
Square Yards	x	0002066	=	Acres.

A Section of Land is 1 Mile Square and contains 640 Acres.
A Square Acre is 208.71 Feet at Each Side; or 220 x 198 Feet.
A Square $\frac{1}{2}$ Acre is 147.58 Feet at Each Side; or 110 x 198 Feet.
A Square $\frac{1}{4}$ Acre is 104.355 Feet at Each Side; or 55 x 198 Feet.
A Circular Acre is 235.504 Feet in Diameter.
A Circular $\frac{1}{2}$ Acre is 166.527 Feet in Diameter.
A Circular $\frac{1}{4}$ Acre is 117.732 Feet in Diameter.

French Square Measure

Square.	Square Inches.	Square Feet.	Square Yards.	Acres.
Millimetre.....	.00154	.0000107	.000001	
Centimetre.....	.15498	.0010763	.000119	
Decimetre.....	15.498	.1076305	.011958	
Metre.....	1549.8	107.6305	1.19589	.000247
Decametre.....	154988.	1076.305	119.589	.024709
Hectare.....		107630.58	11958.95	2.47086
Kilometre.....	.38607 Sq. Miles	10763058.	1195895.	247.086
Myriametre....	38.607 Sq. Miles			24708.6

Cubic Measure

Inches.	Feet.	Yard.	Cubic Metres.
1.	= .0005788	= .00002144	= .000016386
1728.	1.	.03704	.028315
46656.	27.	1.	.764513

A cord of wood = 128 cubic feet, being four feet high, four feet wide, and eight feet long.
Forty cubic feet = a ton of shipping.
A perch of masonry contains 24 3/4 cubic feet.

Cubic Foot is Equal to

1728 cubic inches.	25.71405 U.S. dry quarts.
037037 cubic yard.	59.84416 U.S. liquid pints.
803564 U.S. struck bushel of 2150.42 cubic inches.	51.42809 U.S. dry pints
3.21426 U.S. pecks.	239.37662 U.S. gills.
7.48052 U.S. liquid gallons of 231 cubic inches.	.20667 flour barrel of three struck bushels.
6.42851 U.S. dry gallons of 268.8025 cubic inches.	.23748 U.S. liquid barrel of 31 1/2 gallons.
29.92208 U.S. liquid quarts.	

A cubic inch of water at 62° Fahr. weighs 252.458 grains.
A cubic foot of water at 62° Fahr. weighs 1002.7 ounces.
A cubic yard of water at 62° Fahr. weighs 1692. pounds.

Surveying Measure

(LINEAL.)

Inches.	Links.	Feet.	Yards.	Chains.	Mile.	Fr. Metres.
1.	= .126	= .0833	= .0278	= .00126	= .0000158	= .0254
7.92	1.	.66	.22	.01	.000125	.0102
12.	1.515	1.	.333	.01515	.000189	.3048
36.	4.545	3.	1.	.04545	.000568	.9144
792.	100.	66.	22.	1.	.0125	20.116
63360.	8000.	5280.	1760.	80.	1.	1009.315

One knot or geographical mile = 6080.07 feet = 1855.11 metres = 1.1520 statute mile.
One admiralty knot = 1.1515 statute mile = 6080 feet.

SPECIFIC GRAVITY.

1.000
1.028
7.70
7.30
7.84
11.36
8.80
8.40
1.57
1.92
1.92
2.24
2.64
2.49
.48
.56
.40
.78
.80
.65