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CONVERSION FACTORS

GENERAL:

1	Acre	=	0.404 686	Hectares	The word "acre" is derived from old English <i>æce</i> ,
1	Acre	=	4047	m ²	Originally meaning "open field".
1	Acre	=	43 560	English Square Feet	The most common use of the acre is to measure
1	Acre	=	4049	Square Metres	Tracts of land.
1	Acre	=	4	Roods	
1	British Foot	=	1.000 008 101 58	S.A.G. Feet	
1	Cape Foot	=	0.314 855 575 16	International Metres	The Cape foot is similar in length to the "Rhine foot" of
1	Cape Foot	=	1.033	British Feet	Northern Germany.
12	Cape Feet	=	1	Cape Roods	
144	Cape Feet ²	=	1	Roods ²	
1000	Cape Feet	=	1033	English Feet	
1	Chain	=	66	English Feet	The name chain comes from the heavy metal chain of 100
1	Chain	=	100	Links	Links that surveyors used to measure property bounds.
1	Cubic Foot	=	0.0280	Cubic Metres	Cubic comes for the Latin word <i>cutibum</i> "elbow". It is the
1	Cubic Yard	=	0.76	Metres	length of a man's forearm from his elbow to the tip of his out-
					stretched middle finger.
1	English Foot	=	0.304 797 265 4	International Metres	
1	Foot	=	0.304	Metres	Historically, units of measurement were derived from various
					parts of the body (the forearm, the thumb, the foot . . .)
1	Hectare	=	10 000	m ²	The term hectare is derived from the Latin area & from hect,
1	Hectare	=	2.47097	Acres	an irregular contraction of the Greek word for hundred.
1	Hectare	=	10,000	Square Metres	
1	Manzana	=	1.728	Acres	Manzana means apple but the unit they expect is related to
1	Manzana	=	7,000	Square Metres	The Manzanar orchard.
1	Metre	=	3.28	Feet	The name metre comes from Latin <i>metrum</i> & the Greek <i>metron</i> .
1	Morgen	=	8565.32	m ²	Morgen was used in Germany/Holland/South Africa and was
1	Morgen	=	0.856 532	Hectares	derived from the German word Morgen "morning". It
1	Morgen	=	86 400	Cape Square Feet	represented the amount of land that could be plowed
1	Morgen	=	600	Cape Square Roods	in a morning.
1	Rood	=	40	Perches	Rood is an archaic word for pole from old English, which
600	Roods ²	=	1	Morgen	is applicable in the measurement of land.
1	Square Inch	=	6,45	Square Centimeters	Square is often used for measuring roofing material, finished

1	Square Foot	=	0.093	Square Metres	Lumber & other building materials.
1	Square Meter	=	10.76	Square Feet	
1	S.A. Geodetic Foot	=	0.304 797 265 4	International Metres	Geodetic surveys cover large geographic areas for which corrections need to be made to reflect the curved shape of the Earth's surface.
1	S.A. Geodetic Foot	=	0.999 991 898 49	British Feet	
1000	Thibault	=	1032.9963	British Feet	
1	Yard	=	0.914	m	A yard, according to tradition, was measured on King Henry I, of England, which was the distance from his nose to the middle fingertip of his extended arm.
220	Yards	=	1	Furlong	

TO CONVERT:

Length:

Cape feet to meters : Cape feet x 0.314855575
 English feet to meters : English feet x 0.3048

Area:

Cape feet² to meters² : Cape feet² x 0.09913403
 English feet² to meters² : English feet² x 0.09290304
 Roods² to meters² : Roods² x 14.27530031
 Morgen to meters² : Morgen x 8565.32
 Roods & cape feet² to decimal morgen : Roods x 144 + Cape feet² + Full Morgen 86 400
 Decimal morgen to hectares : Decimal morgen x 0,856532
 Hectares to m² : Hectares x 10 000

*** REMEMBER:**

Cape feet were normally used for the measurement of land.
 English feet were normally used for the measurement of buildings.