



BIRRENKOTT SURVEYING, INC.

All Your Surveying Needs

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In The News

- **January 12, 2009**
[Birrenkott Surveying works on Bucky's Challenge](#)
- **January 12, 2009**
[Birrenkott Surveying attended Career Day at the Sun Prairie Senior High School](#)
- **October 07, 2008**
[Birrenkott active with local students](#)
- **June 08, 2008**
[Sun Prairie student receives top trigonometry award](#)

Call us today!
608-837-7463



Useful Information:

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Inches In Decimals of a Foot

Inch	Decimal	Inch	Decimal
1/16	=	.0052	1 = .0833
3/32	=	.0078	2 = .1667
1/8	=	.0104	3 = .2500
3/16	=	.0156	4 = .3333
1/4	=	.0208	5 = .4167
5/16	=	.0260	6 = .5000
3/8	=	.0313	7 = .5833
1/2	=	.0417	8 = .6667
5/8	=	.0521	9 = .7500
3/4	=	.0625	10 = .8333
7/8	=	.0729	11 = .9167

Metric Conversion Chart

Length	Area
1 inch = 25.4 millimeters	1 sq inch = 6.45 sq cm
1 foot = 30.5 centimeters	1 sq foot = 0.093 sq mt
1 yard = 0.9 meters	1 sq yard = 0.84 sq mt
1 mile = 1.6 kilometers	1 sq mile = 2.59 sq km
1 mm = 0.039 inches	1 sq cm = 0.16 sq in
1 cm = 0.39 inches	1 sq mt = 1.2 sq yd
1 meter = 1.09 yards	1 sq km = 0.39 sq mile

Other Useful Units:

1 acre = 0.4 hectares	1 hectare = 2.47 acres
1 peck = 8.8 liters	1 bushel = 35.23 liters
1 barrel (oil) = 159 liters	1 bolt (cloth) = 36.6 meters
1 mph = 1.61 km/hr	1 km/hr = 0.62 mph
1 mpg = 0.425 km/l	1 km/l = 2.35 mpg

Tables of Length and Area

Surveyor's Measure (length)

7.92 inches	=	1 link
25 links	=	1 rod or 16 feet
4 rods	=	1 chain
10 sq chains = 160 sq rods	=	1 acre
640 acres	=	1 square mile
80 chains	=	1 mile
5280 ft = 1760 yards = 320 rods	=	1 mile
1 Southern chain	=	66 feet

1 Gunthers chain

=

66 feet

Measure of Surface (area)

144 square inches	=	1 square foot
9 square feet	=	1 square yard
30.25 square yards	=	1 square rod
40 square rods	=	1 rood
4 square roods	=	1 square area
160 square rods	=	1 acre
43,560 square feet	=	1 acre
36 square miles	=	1 township

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