CONVERION FACTORS

Length

1 yard (yd) = 3 ft
1 meter (m)= 100 cm
1 m = 39.37 inches (in) (U. S. Survey Foot)
1 in = 2.54 cm (International Foot)
1 kilometer (km) = 1000 m
1 mile = 5280 ft
1 nautical mile = 6076.10 ft = 1852 m
1 km = 0.62137 miles
1 rod = 1 pole = 1 perch = 16.5 ft
1 Gunter's Chain (ch) = 66 ft = 100 links (lk) = 4 rods
1 mile = 80 ch
1 vara = about 33 in California
1 fathom = 6 ft

Area

1 ft^2 = 144 in^2
1 ft^2 = 0.09290 m^2
1 in^2 = 6.452 cm^2
1 acre = 43560 ft^2
1 acre = 10 $chains^2$
1 hectare (ha) = 2.471 acres
1 $mile^2$ = 640 acres (regular section)

Volume

1 yd^3 = 27 ft^3
1 m^3 = 35.31 ft^3
1 gal (U.S.) = 3.785 liters
1 ft^3 = 7.481 gal (U. S.)

Other Conversions

1 kilogram (kg) = 1000 g = 2.20 lbs
1 ton = 2000 lbs = 2 kips
1 gram (g) = 0.035 oz

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