Conversion Factors

Distance
1 Inch (in) – 2.54 Centimetres (cm) = 25.4 Millimetres (mm)
1 Foot (ft) = 12 Inches (in) = 30.48 Centimetres (cm)
1 Foot (ft) = .3048 Metres (m)
1 Mile (mi) = 5280 Feet (ft) = 1.6093 Kilometres (km)
1 Millimetre (mm) = 0.1 Centimetres (cm) = 3.2808 Feet (ft)
1 Metre (m) = 100 Centimetres (cm) = 3.2808 Feet (ft)
1 Kilometre (km) = 1000 Metres (m) = .62137 Miles (mi)

Square Area
1 Square (in^2) = 6.4516 Square Centimetres (cm^2)
1 Square Foot (ft^2) = 144 Square Inches (in^2)
1 Square Mile (mi^2) = 640 Acres (acre)
1 Acre (acre) = 43,560 Square Feet (ft^2)
1 Square Centimetre (cm^2) = 100 Square Millimetres (mm^2)
1 Square Metre (m^2) = 10.7636 Square Feet (ft^2)

Cubic Volume
1 Cubic Inch (ci^3) – 16.387 Cubic Centimetres (cc^3)
1 Cubic Centimetre (cc^3) = .01 Liter (L)
1 Cubic Foot (ft^3) = 1,728 Cubic Inches (ci^3)
1 Cubic Foot (ft^3) = 0.02831 Cubic Meters (m^3)
1 US Gallon (gal) = 4.0 US Quarts (qt) = 231/0 Cubic Inches (ci^3)
1 US Gallon (gal) = 3,7854 Liters (L)
1 Cubic Centimetre (cc^3) = 1000.0 Cubic Millimetres (cm^3)
1 Cubic Centimetre (cc^3) = 0.06102 Cubic Inches (ci^3)

1 Liter (L) = 1000.0 Cubic Centimetres (cc^3)
1 Liter (L) = 0.26417 US Gallons (gal)

Weight
1 Ounce (oz) = 28.350 Grams (g)
1 Pound (lb) = 16 Ounces (oz) = 453.59 Grams (g)
1 Gram (g) = 0.00220 Pounds (lb)
1 Kilogram (kg) = 1000 Grams (g) = 2.2046 Pounds (lb)
Water = 8.34 Pounds per US Gallon (lbs/gal)
Gasoline = 6.2 Pounds per US gallon (lbs/gal)

Fraction Equivalents

Fraction	Decimal	Fraction	Decimal
1/16	.0625	9/16	.5625
1/8	.1250	5/8	.6250
3/16	.1875	11/16	.6875
1/4	.2500	3/4	.7500
5/16	.3125	13/16	.8125
3/8	.3750	7/8	.8750
7/16	.4375	15/16	.9375
1/2	.5000	1	1.0000

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