CONVERSION FACTORS

Multiply	By	To Obtain
Acres	43,560	Square feet
"	4047	Square meters
"	$1.562x10^{-3}$	Square miles
"	4840	Square yards
Acre-Feet	43,560	Cubic feet
"	325,851	Gallons
"	1233.49	Cubic meters
Atmospheres	76.0	cm of Hg
"	29.92	Inches of Hg
"	33.90	Feet of water
"	10,333	Kg/sq meter
"	14.70	Lbs/sq inch
"	1.058	Tons/sq ft
Barrels-oil	42	Gallons-oil
Barrels-cement	376	Pounds-cement
Bags or sacks Cement	..94	Pounds-cement
Board-feet	144	Cubic Inches
BTU/Hour	0.2520	Kilogram-calories
"	777.5	Foot-lbs
"	$3.927x10^{-4}$	Horse-power-hrs
"	107.5	Kilogram-meters
"	$2.928x10^{-4}$	Kilowatt/hr
BTU/Min	12.96	Foot-lbs/sec
"	0.02356	Horse-power
"	0.01757	Kilowatts
"	17.57	Watts
Centares	1	Square meters
Centigrams	0.01	Grams
Centiliters	0.01	Liters
Centimeters	0.393701	Inches
"	0.01	Meters
"	10	Millimeters
Centimeters of Hg	0.01316	Atmospheres
"	0.4461	Feet of water
"	136.0	Kg/sq meter
"	27.85	Lbs/sq ft.
"	0.1934	Lbs/sq inch
Centimeters/second	1.969	Feet/min
"	0.03281	Feet/sec
"	0.036	Kilometers/hr.
"	0.6	Meters/min.
"	0.02237	Miles/hr.
"	$3.728x10^{-4}$	Miles/min.
Cm/sec/sec	0.03281	Feet/sec/sec
Cubic Centimeter	$3.531x10^{-5}$	Cubic ft
"	$6.102x10^{-2}$	Cubic in
"	10^{-6}	Cubic meters
"	$1.308x10^{-6}$	Cubic yards
"	$2.642x10^{-4}$	Gallons
"	10^{-3}	Liters
"	$2.113x10^{-3}$	Pints (liq)
"	$1.057x10^{-3}$	Quarts (liq)
Cubic feet	$2.832x10^{4}$	Cubic cm
"	1728	Cubic in
"	0.02832	Cubic meters
"	0.03704	Cubic yards
"	7.48052	Gallons
"	28.32	Liters
"	59.84	Pints (liq)
"	29.92	Quarts (liq)
Cubic feet/min	472	Cubic cm/sec
"	0.1247	Gallons/sec
"	0.4720	Liters/sec
"	62.43	Pounds water/min
Cubic feet/sec	0.646317	Million gal/day
"	448.831	gal/min
Cubic inches	16.39	Cubic cm
"	$5.787x10^{-4}$	Cubic ft
"	$1.639x10^{-5}$	Cubic meters
"	$2.143x10^{-5}$	Cubic yards
"	$4.329x10^{-3}$	Gallons
"	$1.639x10^{-2}$	Liters
"	0.03463	Pints (liq)
"	0.01732	Quarts (liq)
Cubic meters	10^{6}	Cubic cm
"	35.31	Cubic ft
Cubic meters	61.023	Cubic in
"	1.308	Cubic yards
"	264.2	Gallons
"	10^{3}	Liters
"	2113	Pints (liq)
"	1057	Quarts (liq)
Cubic yards	$7.646x10^{5}$	Cubic cm
"	27	Cubic ft
"	46.656	Cubic in
"	0.7646	Cubic meters
"	202.0	Gallons
"	764.6	Liters
"	1616	Pints (liq)
"	807.9	Quarts (liq)
Cubic yards/min	0.45	Cubic ft/sec
"	3.367	Gallons/sec
"	12.74	Liters/sec
Decigrams	0.1	Grams
Deciliters	0.1	Liters
Decimeters	0.1	Meters
Degrees (angle)	60	Minutes
"	0.01745	Radians
"	3600	Seconds
Degrees/sec	0.01745	Radians/sec
"	0.1667	Revolutions/min
"	0.002778	Revolutions/sec
Dekagrams	10	Grams
Dekaliters	10	Liters
Dekameters	10	Meters
Drams	27.34375	Grains
"	0.0625	Ounces
"	1.771845	Grams
Fathoms	6	Feet
Feet	30.48	Centimeters
"	12	Inches
"	0.3048	Meters
"	1/3	Yards
Feet of water	0.02950	Atmosphere
"	0.8826	Inches Hg
"	304.8	kg/sq meter
"	62.43	lbs/sq ft
"	0.4335	lbs/sq in
Feet/min	0.5080	Centimeters/sec
"	0.01667	Feet/sec
"	0.01829	Kilometers/hr
"	0.3048	Meters/min
"	0.01136	Miles/hr
Feet/sec	30.48	Centimeters/sec
"	1.097	Kilometers/hr
"	0.5921	Knots
"	18.29	Meters/min
"	0.6818	Miles/hr
"	0.01136	Miles/min
Feet/sec/sec	30.48	cm/sec/sec
"	0.3048	meters/sec/sec
Foot-pounds	$1.286x10^{-3}$	BTU
"	$5.050x10^{-7}$	Horse-power-hr
"	$3.241x10^{-4}$	Kilogram-calories/hr
"	0.1383	Kiogram-meters
"	$3.766x10^{-7}$	Kilowatt/hr
Foot-pounds/min	$1.286x10^{-3}$	BTU/min
"	0.01667	Foot-pounds/sec
"	$3.030x10^{-5}$	Horse-power
"	$3.241x10^{-4}$	Kg-calories/min
"	$2.260x10^{-5}$	Kilowatts
Foot-pounds/sec	$7.717x10^{2}$	BTU/min
"	$1.818x10^{-3}$	Horse-power
"	$1.945x10^{-2}$	Kg-calories/min
"	$1.356x10^{-3}$	Kilowatts
Gallons	3785	Cubic cm
"	0.1337	Cubic ft
"	231	Cubic in
"	$3.785x10^{-3}$	Cubic meters
"	$4.951x10^{-3}$	Cubic yards
"	3.785	Liters
"	8	Pints (liq)
Gallons	4	Quarts (liq)
Gallons, Imperial	1.20095	U.S Gallons
Gallons, US	0.83267	Imperial Gallons
Gallons water	8.3453	Pounds of water
Gallons/min	$2.228x10^{-3}$	Cubic ft/sec
"	0.06308	Liters/sec
"	8.0208	cu ft/hr
"	8.0208	Overflow Rate (ft/hr)
	Area (sq. ft.)	
Gallons water/min	6.0086	Tons water, 24 hrs
Grains (troy)	L	Grains (avoir)
"	0.06480	Grams
"	0.04167	Pennyweight (troy)
"	$2.0833x10^{-3}$	Ounces (troy)
Grains/US gal	17.118	Parts/million
"	142.86	lbs/million gal
Grains/Imp gal	14.254	Parts/million
Grams	980.7	Dynes
"	15.43	Grains
"	10^{-3}	Kilograms
"	10^{3}	Milligrams
"	0.03527	Ounces
"	0.03215	Ounces (troy)
"	$2.205x10^{-3}$	Pounds
Grams/cm	5.600×10^{-3}	Pounds/in
Grams/cu cm	62.43	Pounds/cubic ft
"	0.03613	Pounds/cubic in
Grams/liter	58.417	Grains/gal
"	8.345	Pounds/1000gal
"	0.062427	Pounds/cubic ft
"	1000	Parts/million
Hectares	2.471	Acres
"	$1.076x10^{5}$	Square ft
Hectograms	100	Grams
Hectoliters	100	Liters
Hectometers	100	Meters
Hectowatts	100	Watts
Horse-power	42.44	BTU/min
"	33.000	Foot-lbs/min
"	550	Foot-lbs/sec
"	1.014	Horse -power (metric)
"	10.70	Kg-calories/min
"	0.7457	Kilowatts
"	745.7	Watts
Horse-power (boiler)	33,479	BTU/hr
"	9.803	Kilowatts
Horse-power hours	.. 2547	BTU
"	$1.98x10^{6}$	Foot-lbs
"	641.7	Kilogram-calories/hr
"	$2.737x10^{5}$	Kilogram-meters
"	0.7457	Kilowatt/hr
Inches	2.540	Centimeters
Inches Hg	0.03342	Atmospheres
"	1.133	Feet of water
"	345.3	kg/sq meter
"	70.73	lbs/sq ft
"	0.4912	lb/sq in
Inches of water	0.002458	Atmospheres
"	0.07355	Inches of Hg
"	25.40	kg/sq meter
"	0.5781	Ounces/sq in
"	5.202	lbs/sq ft
"	0.03613	lbs/sq in
Kilograms	980.665	Dynes
"	2.205	Lbs
"	$1.102x10^{-3}$	Tons (short)
"	10^{3}	Grams
Kilogram-calories	3.968	BTU
"	3086	Foot-lbs
"	$1.558x10^{-3}$	Horse-power/hr
"	$1.162x10^{-3}$	Kilowatt/hr
Kilogram-calories/min	51.43	Foot-lbs/sec
"	0.09351	Horse-power
"	0.06972	Kilowatts
Kg/meter	0.672	Lbs/ft

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CONVERSION FACTORS

Multiply	By	To Obtain
Kg/sq meter	$9.678x10^{-5}$	Atmospheres
"	$3.281x10^{-3}$	Feet of water
"	$2.896x10^{-3}$	Inches of Hg
"	0.2048	Lbs/sq ft
"	$1.422x10^{-3}$	Lbs/sq in
Kg/sq millimeter	10^{6}	kg/sq meter
Kiloliters	10^{3}	Liters
Kilometers	10^{5}	Centimeters
"	3281	Feet
"	10^{3}	Meters
"	0.6214	Miles
"	1094	Yards
Kilometers/hr	27.78	Centimeters/sec
"	54.68	Feet/min
"	0.9113	Feet/sec
"	0.5396	Knots
"	16.67	Meters/min
"	0.6214	Miles/hr
Km/hr/sec	27.78	cm/sec/sec
"	0.9113	ft/sec/sec
"	0.2778	meters/sec/sec
Kilowatts	56.92	BTU/min
"	$4.425x10^{4}$	Foot-lbs/min
"	737.6	Foot-lbs/sec
"	1.341	Horse-power
"	14.34	Kg-calories/min
"	10^{3}	Watts
Kilowatt-hours	3415	BTU
"	$2.655x10^{6}$	Foot-lbs
"	1.341	Horse-power/hr
"	860.5	Kilogram-calories
"	$3.671x10^{5}$	Kilogram-meters
Liters	10^{3}	Cubic cm
"	0.03531	Cubic ft
"	61.02	Cubic in
"	10^{-3}	Cubic meters
"	$1.308x10^{-3}$	Cubic yards
"	0.2642	Gallons
"	2.113	Pints (liq)
"	1.057	Quarts (liq)
Liters/min	$5.886x10^{-4}$	Cubic ft/sec
"	$4.403x10^{-3}$	Gals/sec
Lumber width (in) x thickness (in)/12=Board ft		
Meters	100	Centimeters
"	3.281	Feet
"	39.37	Inches
"	10^{-3}	Kilometers
"	10^{3}	Millimeters
"	1.094	Yards
Meters/min	1.667	Centimeters/sec
"	3.281	Feet/min
"	39.37	Inches/min
"	0.05468	Feet/sec
"	0.06	Kilometers/hr
"	0.03728	Miles/hr
Meters/sec	196.8	Feet/min
"	3.281	Feet/sec
"	3.6	Kilometers/hr
"	0.06	Kilometers/min
"	2.237	Miles/hr
Microns	10^{-6}	Meters
Miles	$1.609x10^{5}$	Centimeters
"	5280	Feet
"	1.609	Kilometers
"	1760	Yards
Miles/hr	44.70	Centimeters/sec
"	88	Feet/min
"	1.467	Feet/sec
"	1.609	Kilometers/hr
"	0.8684	Knots
"	26.82	Meters/min
Miles/min	2682	Centimeters/sec
"	88	Feet/sec
"	1.609	Kilometers/min
"	60	Miles/hr
Milliers	10^{3}	Kilograms
Milligrams	10^{3}	Grams
Milliliters	10^{-3}	Liters
Millimeters	0.1	Centimeters
"	0.03937	Inches
Milligrams/liter	1	Parts/million
Million gal/day	1.54723	Cubic ft/sec
Miner's inches	1.5	Cubic ft/min
Minutes (angle)	$2.909x10^{-4}$	Radians
Ounces	16	Drams
"	437.5	Grains
"	0.0625	Pounds
"	28.349527	Grams
"	0.9115	Ounces (troy)
"	$2.790x10^{-5}$	Tons (long)
"	$2.835x10^{-5}$	Tons (metric)
Ounces, troy	480	Grains
"	20	Pennyweights (troy)
"	0.08333	Pounds (troy)
"	31.103481	Grams
"	1.09714	Ounces, avoir
Ounces (fluid)	1.805	Cubic in
"	0.02957	Liters
Ounces/sq in	0.0625	lbs/sq in
Parts/million	0.0584	Grains/US gal
"	0.07016	Grains/Imp gal
"	8.345	Lbs/million gal
Pennyweights (troy)	24	Grains
"	1.55517	Grams
"	0.05	Ounces (troy)
"	$4.1667x10^{-3}$	Pounds (troy)
Pounds	16	Ounces
"	256	Drams
"	7000	Grains
"	0.0005	Tons (short)
"	453.5924	Grams
"	1.21528	Pounds (troy)
"	14.5833	Ounces (troy)
Pounds (troy)	5760	Grains
"	240	Pennyweight (troy)
"	12	Ounces (troy)
"	373.24177	Grams
"	0.822857	Pounds (avoir)
"	13.1657	Ounces (avoir)
"	$3.6735x10^{-4}$	Tons (long)
"	$4.1143x10^{-4}$	Tons (short)
"	$3.7324x10^{-4}$	Tons (metric)
Pounds of water	0.01602	Cubic ft
"	27.68	Cubic in
"	0.1198	Gallons
Pounds water/min	$2.670x10^{-4}$	Cubic ft/sec
Pounds/cu ft	0.01602	Grams/cubic cm
"	16.02	kg/cu meter
"	$5.787x10^{-4}$	lb/cubic inch
Pounds/cu in	27.68	Grams/cubic cm
"	$2.768x10^{4}$	Kg/cubic meter
"	1728	Lbs/cubic ft
Pounds/ft	1.488	Kg/meter
Pounds/in	178.6	Grams/cm
Pounds/sq ft	0.01602	Feet of water
"	4.883	Kg/sq meter
"	$6.945x10^{-3}$	Pounds/sq in
Pounds/sq in	0.06804	Atmospheres
"	2.307	Feet of water
"	2.036	Inches of Hg
"	703.1	Kg/sq meter
Quadrants (angle)	90	Degrees
"	5400	Minutes
"	1.571	Radians
Quarts (dry)	67.20	Cubic in
Quarts (liq)	57.75	Cubic in
Quintal, Argentine	101.28	Pounds
Quintal, Brazil	129.54	Pounds
Quintal, Castile, Peru	101.43	Pounds
Quintal, Chile	101.41	Pounds
Quintal, Mexico	101.47	Pounds
Quintal, Metric	220.46	Pounds
Quires	25	Sheets
Radians	57.30	Degrees
"	3438	Minutes
"	0.637	Quadrants
Radians/sec	57.30	Degrees/sec
"	0.1592	Revolutions/sec
"	9.549	Revolutions/min
Radians/sec/sec	573.0	Revolutions/min/min
"	0.1592	Revolutions/sec/sec
Reams	500	Sheets
Revolutions	360	Degrees
"	4	Quadrants
"	6.283	Radians
Revolutions/min	6	Degrees/sec
"	0.1047	Radians/sec
"	0.01667	Revolutions/sec
Revolutions/min/min	$1.745x10^{-3}$	Radians/sec/sec
"	$2.778x10^{-4}$	Revolutions/sec/sec
Revolutions/sec	360	Degrees/sec
"	6.283	Radians/sec
"	60	Revolutions/min
Revolutions/sec/sec	6.283	Radians/sec/sec
"	3600	Revolutions/min/min
Seconds (angle)	$4.848x10^{-6}$	Radians
Square Centimeters	$1.076x10^{-3}$	Sq ft
"	0.1550	Sq in
"	10^{-4}	Sq meters
"	100	Sq millimeters
Square feet	$2.296x10^{-5}$	Acres
"	929.0	Sq cm
"	144	Sq in
"	0.09290	Sq meters
"	$3.587x10^{-8}$	Sq miles
"	1/9	Sq yards
Square inches	6.452	Sq cm
"	$6.944x10^{-3}$	Sq ft
"	645.2	Sq millimeters
Square kilometers	247.1	Acres
"	$10.76x10^{6}$	Sq ft
"	10^{6}	Sq meters
"	0.3861	Sq miles
"	$1.196x10^{6}$	Sq yards
Square meters	$2.471x10^{-4}$	Acres
"	10.76	Sq ft
"	$3.861x10^{-7}$	Sq miles
"	1.196	Sq yards
Square miles	640	Acres
"	$27.88x10^{6}$	Sq ft
"	2.590	Sq kilometers
"	$3.098x10^{6}$	Sq yards
Square millimeters	0.01	Sq cm
"	$1.550x10^{-3}$	Sq in
Square yards	$2.066x10^{-4}$	Acres
"	9	Sq ft
"	0.8361	Sq meters
"	$3.228x10^{-7}$	Sq miles
Temp (°C) + 273	1	°Kelvin
Temp (°C) + 17.78	1.8	Temp (°F)
Temp (°F) + 460	1	°Rankine
Temp (°F) -32	5/9	Temp (°C)
Ton (long)	1016	Kilograms
"	2240	Pounds
"	1.120	Tons (short)
Ton (metric)	10^{3}	Kilograms
"	2205	Pounds
Ton (short)	2000	Pounds
"	32000	Ounces
"	907.18486	Kilograms
"	2430.56	Pounds (troy)
"	0.089287	Tons (long)
"	29166.66	Ounces (troy)
"	0.90718	Tons (metric)
Tons of water/day	83.333	Pounds water/hr
"	0.16643	Gallons/min
"	1.3349	cubic ft/hr
Watts	0.05692	BTU/min
"	44.26	Foot-pounds/min
"	0.7376	Foot-pounds/sec
"	$1.341x10^{-3}$	Horse-power
"	0.01434	Kg-calories/min
"	10^{-3}	Kilowatts
Watt-hours	3.415	BTU
"	2655	Foot-pounds/hr
"	$1.341x10^{-3}$	Horse-power/hr
"	0.8605	Kilogram-calories/hr
"	367.1	Kilogram-meters
"	10^{-3}	Kilowatt/hr
Yards	91.44	Centimeters
"	3	Feet
"	36	Inches
"	0.9144	Meters

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