

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
"	1.09113	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

Multiply	By	To Obtain
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, avoird
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 (avoird)
"	373.24177	Grams
"	0.822857	Pounds (avoird)
"	13.1657	Ounces (avoird)
"	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

Multiply	By	To Obtain
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