

COMMON FRACTIONS OF AN INCH DECIMAL AND METRIC EQUIVALENTS

FRACTION		DECIMAL	mm	FRACTION		DECIMAL	mm	
1/32	1/64	0.01562	0.397	17/32	33/64	0.51562	13.097	
		0.03125	0.794				0.53125	13.494
	3/64	0.04688	1.191			35/64	0.54688	13.891
1/16	5/64	0.06250	1.588	9/16	37/64	0.56250	14.288	
		0.07812	1.984				0.57812	14.684
3/32		0.09375	2.381	19/32			0.59375	15.081
1/8	7/64	0.10938	2.778	5/8	39/64	0.60938	15.478	
		0.12500	3.175				0.62500	15.875
	9/64	0.14062	3.572			41/64	0.64062	16.272
5/32	11/64	0.15625	3.969	21/32	43/64	0.65625	16.669	
		0.17188	4.366				0.67188	17.066
3/16		0.18750	4.763	11/16			0.68750	17.463
7/32	13/64	0.20312	5.159	23/32	45/64	0.70312	17.859	
		0.21875	5.556				0.71875	18.256
	15/64	0.23438	5.953			47/64	0.73438	18.653
1/4	17/64	0.25000	6.350	3/4	49/64	0.75000	19.05	
		0.26562	6.747				0.76562	19.447
9/32		0.28125	7.144	25/32			0.78125	19.844
5/16	19/64	0.29688	7.541	13/16	51/64	0.79688	20.241	
		0.31250	7.938				0.81250	20.638
	21/64	0.32812	8.334			53/64	0.82812	21.034
11/32	23/64	0.34375	8.731	27/32	55/64	0.84375	21.431	
		0.35938	9.128				0.85938	21.828
3/8		0.37500	9.525	7/8			0.87500	22.225
13/32	25/64	0.39062	9.922	29/32	57/64	0.89062	22.622	
		0.40625	10.319				0.90625	23.019
	27/64	0.42188	10.716			59/64	0.92188	23.416
7/16	29/64	0.43750	11.113	15/16	61/64	0.93750	23.813	
		0.45312	11.509				0.95312	24.209
15/32		0.46875	11.906	31/32			0.96875	24.606
1/2	31/64	0.48438	12.303	1/1	63/64	0.98438	25.003	
		0.50000	12.700				1.00000	25.400

CONVERSION FACTORS

	MULTIPLY		BY		TO OBTAIN
Length	Centimeters	x	.3937	=	Inches
	Feet	x	12.0	=	Inches
	Feet	x	.3048	=	Meters
	Inches	x	2.54	=	Centimeters
	Inches	x	25.4	=	Millimeters
	Kilometers	x	.6214	=	Miles
	Meters	x	3.281	=	Feet
	Meters	x	39.37	=	Inches
	Meters	x	1.094	=	Yards
	Miles	x	5280.0	=	Feet
	Miles	x	1.609	=	Kilometers
	Millimeters	x	.03937	=	Inches
	Yards	x	.9144	=	Meters
	Area	Circular mils	x	7.854×10^{-7}	=
Circular mils		x	.7854	=	Square mils
Square centimeters		x	.155	=	Square inches
Square feet		x	144.0	=	Square inches
Square feet		x	.0929	=	Square meters
Square inches		x	6.452	=	Square centimeters
Square meters		x	10.764	=	Square feet
Square meters		x	1.196	=	Square yards
Square millimeters		x	.00155	=	Square inches
Square mils		x	1.273	=	Circular mils
Square yards		x	.8361	=	Square meters
Volume		Cubic centimeters	x	.061	=
	Cubic feet	x	.0283	=	Cubic meters
	Cubic feet	x	7.481	=	Gallons
	Cubic inches	x	.5541	=	Ounces (fluid)
	Cubic meters	x	35.31	=	Cubic feet
	Cubic meters	x	1.308	=	Cubic yards
	Cubic meters	x	264.2	=	Gallons
	Cubic yards	x	.7646	=	Cubic meters
	Gallons	x	.1337	=	Cubic feet
	Gallons	x	3.785	=	Liters
	Liters	x	.2642	=	Gallons
	Liters	x	1.057	=	Quarts (liquid)
	Ounces (fluid)	x	1.805	=	Cubic inches
	Quarts (liquid)	x	.9463	=	Liters