

## Decimals, Weights, Measures & Temperature Conversions

The decimal equivalents of all the fractions accurate to 1/64th, and conversions from one imperial measurement to another are presented on this page, as well as temperature conversions.



Decimals, Weights, Measures and Temperature Conversions

Decimal Equivalents									
64ths		Decimals		Fractions	64ths		Decimals		Fractions
Inches	Inches	Millimeters	Inches		Inches	Inches	Millimeters	Inches	
1	.0156	0.397	-		33	.5156	13.097	-	
2	.0313	0.794	1/32		34	.5313	13.493	17/32	
3	.0469	1.191	-		35	.5469	13.890	-	
4	.0625	1.587	1/16		36	.5625	14.287	9/16	
5	.0781	1.984	-		37	.5781	14.684	-	
6	.0938	2.381	3/32		38	.5938	15.081	19/32	
7	.1094	3.778	-		39	.6094	15.478	-	
8	.1250	3.175	1/8		40	.6250	15.874	5/8	
9	.1406	3.572	-		41	.6406	16.272	-	
10	.1563	3.969	5/32		42	.6463	16.668	21/32	
11	.1719	4.366	-		43	.6419	17.065	-	
12	.1875	4.762	3/16		44	.6875	17.462	11/16	
13	.2031	5.159	-		45	.7031	17.859	-	
14	.2188	5.556	7/32		46	.7188	18.256	23/32	
15	.2344	5.953	-		47	.7344	18.653	-	
16	.2500	6.350	1/4		48	.7500	19.050	3/4	
17	.2656	6.747	-		49	.7656	19.447	-	
18	.2813	7.144	9/32		50	.7813	19.843	26/32	
19	.2969	7.541	-		51	.7969	20.240	-	
20	.3125	7.937	5/16		52	.8125	20.637	13/16	
21	.3281	8.334	-		53	.8281	21.034	-	
22	.3438	8.731	11/32		54	.8438	21.431	27/32	
23	.3594	9.128	-		55	.8594	21.828	-	
24	.3750	9.525	3/8		56	.8750	22.225	7/8	
25	.3906	9.922	-		57	.8905	22.621	-	
26	.4063	10.319	13/32		58	.9063	23.018	29/32	
27	.4219	10.715	-		59	.9219	23.415	-	
28	.4375	11.112	7/16		60	.9375	23.812	15/16	
29	.4531	11.509	-		61	.9531	24.209	-	
30	.4688	11.906	15/32		62	.9688	24.606	31/32	
31	.4844	12.303	-		63	.9844	25.003	-	
32	.5000	12.700	1/2		64	1.0000	25.400	1	

Weights & Measures			
Avoirdupois Weight		Linear Measure	
1 Hundredweight	= 100 Pounds	1 Inch	= 1000 Mills
1 Hundredweight	= 4 Quarters	1 Link	= 7.92 Inches
1 Short Ton	= 2000 Pounds	1 Foot	= 12 Inches
1 Short Ton	= 20 Hundredweight	1 Yard	= 3 Feet
1 Short Ton	= 0.9071 Long Tons	1 Fathom	= 6 Feet
1 Long Ton	= 2240 Pounds	1 Rod	= 5 1/2 Yards
1 Long Ton	= 1.1023 Tons	1 Chain	= 100 Links
Circular Measure		1 Chain	= 66 Feet
1 Minute	= 60 Seconds	1 Furlong	= 40 Rods
1 Degree	= 60 Minutes	1 Statute Mile	= 8 Furlongs
1 Radian	= 57.296 Degrees	1 Statute Mile	= 5280 Feet
1 Quadrant	= 90 Degrees	1 Nautical Mile	= 6080 1/4 Feet
1 Circle	= 2 Radians	1 League	= 3 Miles
1 Circle	= 4 Quadrants	Liquid Measure	
1 Circle	= 360 Degrees	1 Pint	= 4 Gills
Square Measure		1 Quart	= 2 Pints
1 Square Inch	= 1,000,000 Square Mils	1 Gallon	= 4 Quarts
1 Square Foot	= 144 Square Inches	Dry Measure	
1 Square Yard	= 9 Square Feet	1 Quart	= 2 Pints
1 Square Rod	= 30 1/4 Square Yards	1 Peck	= 8 Quarts

Temperature Conversion Factors									
C	F	C	F	C	F	C	F	C	F
-50	-58	-10	14.0	20	68.0	50	122.0	110	230.0
-40	-40.0	-5	23.0	25	77.0	60	140.0	120	248.0
-30	-22.0	0	32.0	30	86.0	70	158.0	130	266.0
-25	-13.0	5	41.0	35	95.0	80	176.0	140	284.0
-20	-4.0	10	50.0	40	104.0	90	194.0	150	302.0
-15	5.0	15	59.0	45	113.0	100	212.0		