



## 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
<b>Circular Measure</b>		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	<b>Liquid Measure</b>	
1 Circle	=360 Degrees	1 Pint	=4 Gills
<b>Square Measure</b>		1 Quart	=2 Pints
1 Square Inch	=1,000,000 Square Mils	1 Gallon	=4 Quarts
1 Square Foot	=144 Square Inches	<b>Dry Measure</b>	
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		