

Decimal, Weights & Measure and Temperature Conversion Table

Decimal Equivalents

64ths (inches)	Decimals		Fractions (inches)	64ths (inches)	Decimals		Fractions (inches)	64ths (inches)	Decimals		Fractions (inches)
	(inches)	(mm)			(inches)	(mm)			(inches)	(mm)	
1	.0156	0.397	—	25	.3906	9.922	—	45	.7031	17.859	—
2	.0313	0.794	1/32	26	.4063	10.319	13/32	46	.7188	18.256	23/32
3	.0469	1.191	—	27	.4219	10.715	—	47	.7344	18.653	—
4	.0625	1.587	1/16	28	.4375	11.112	7/16	48	.7500	19.050	3/4
5	.0781	1.984	—	29	.4531	11.509	—	49	.7656	19.447	—
6	.0938	2.381	3/32	30	.4688	11.906	15/32	50	.7813	19.843	25/32
7	.1094	3.778	—	31	.4844	12.303	—	51	.7969	20.240	—
8	.1250	3.175	1/8	32	.5000	12.700	1/2	52	.8125	20.637	13/16
9	.1406	3.572	—	33	.5156	13.097	—	53	.8281	21.034	—
10	.1563	3.969	5/32	34	.5313	13.493	17/32	54	.8438	21.431	27/32
11	.1719	4.366	—	35	.5469	13.890	—	55	.8594	21.828	—
12	.1875	4.762	3/16	36	.5625	14.287	9/16	56	.8750	22.225	7/8
13	.2031	5.159	—	37	.5781	14.684	—	57	.8906	22.621	—
14	.2188	5.556	7/32	38	.5938	15.081	19/32	58	.9063	23.018	29/32
15	.2344	5.953	—	39	.6094	15.478	—	59	.9219	23.415	—
16	.2500	6.350	1/4	40	.6250	15.874	5/8	60	.9375	23.812	15/16
17	.2656	6.747	—	41	.6406	16.272	—	61	.9531	24.209	—
18	.2813	7.144	9/32	42	.6463	16.668	21/32	62	.9688	24.606	31/32
19	.2936	7.541	—	43	.6719	17.065	—	63	.9844	24.003	—
20	.3125	7.931	5/16	44	.6875	17.462	11/16	64	1.000	25.400	1
21	.3281	8.334	—								
22	.3438	8.731	11/32								
23	.3594	9.128	—								
24	.3750	9.525	3/8								

Weights and Measures

Avoirdupois Weight

1 hundredweight	= 100 pounds
1 hundredweight	= 4 quarters
1 short ton	= 2,000 pounds
1 short ton	= 20 hundredweight
1 short ton	= 0.9071 pounds
1 long ton	= 2,240 pounds
1 long ton	= 1,1023 tons

Circular Measure

1 minute	= 60 seconds
1 degree	= 60 minutes
1 radian	= 57,296 degrees
1 quadrant	= 90 degrees
1 circle	= 2 radians
1 circle	= 4 quadrants
1 circle	= 360 degrees

Linear Measure

1 inch	= 1000 mils
1 link	= 7.92 inches
1 foot	= 12 inches
1 yard	= 3 feet
1 fathom	= 6 feet
1 rod	= 5.5 yards
1 chain	= 100 links
1 chain	= 65 feet
1 furlong	= 40 rods
1 statute mile	= 8 furlongs
1 statute mile	= 5,280 feet
1 nautical mile	= 6,080.25 feet
1 chain	= 100 links
1 league	= 3 miles

Square Measure

1 square inch	= 1,000,000 sq. mils
1 square foot	= 144 sq. inches
1 square yard	= 9 sq. feet
1 square rod	= 30.25 square rods

Liquid Measure

1 pint	= 4 gills
1 quart	= 2 pints
1 gallon	= 4 quarts

Dry Measure

1 quart	= 2 pints
1 peck	= 8 quarts

Temperature Conversion Factors

C	F	C	F	C	F	C	F	C	F
-50	-58.0	-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		