

**Convert inches to the decimal equivalents : Convert inches to the decimal equivalents and vice versa:**

Inches		Inches	
fractional	decimal	fractional	decimal
Eighths		Eighths	
1/8	0.1250	1/64	0.0156
1/4	0.2500	1/32	0.0313
3/8	0.3750	3/64	0.0469
1/2	0.5000	1/16	0.0625
5/8	0.6250	5/64	0.0781
3/4	0.7500	3/32	0.0938
7/8	0.8750	7/64	0.1094
Sixteenths		1/8	0.1250
1/16	0.0625	9/64	0.1406
3/16	0.1875	5/32	0.1563
5/16	0.3125	11/64	0.1719
7/16	0.4375	3/16	0.1875
9/16	0.5625	13/64	0.2031
11/16	0.6875	7/32	0.2188
13/16	0.8125	15/64	0.2344
15/16	0.9375	1/4	0.2500
Thirty-seconds		17/64	0.2656
1/32	0.0313	9/32	0.2813
3/32	0.0938	19/64	0.2969
5/32	0.1563	5/16	0.3125
7/32	0.2188	21/64	0.3281
9/32	0.2813	11/32	0.3438
11/32	0.3438	23/64	0.3594
13/32	0.4063	3/8	0.3750
15/32	0.4688	25/64	0.3906
17/32	0.5313	13/32	0.4063
19/32	0.5938	27/64	0.4219
21/32	0.6563	7/16	0.4375
23/32	0.7188	29/64	0.4531
25/32	0.7813	15/32	0.4688
27/32	0.8438	31/64	0.4844
29/32	0.9063	1/2	0.5000
31/32	0.9688	33/64	0.5156
Sixty-fourths		17/32	0.5313
1/64	0.0156	35/64	0.5469
3/64	0.0469	9/16	0.5625
5/64	0.0781	37/64	0.5781
7/64	0.1094	19/32	0.5938
9/64	0.1406	39/64	0.6094
11/64	0.1719	5/8	0.6250
13/64	0.2031	41/64	0.6406
15/64	0.2344	21/32	0.6563
17/64	0.2656	43/64	0.6719
19/64	0.2969	11/16	0.6875
21/64	0.3281	45/64	0.7031
23/64	0.3594	23/32	0.7188
25/64	0.3906	47/64	0.7344
27/64	0.4219	3/4	0.7500
29/64	0.4531	49/64	0.7656
31/64	0.4844	25/32	0.7813
33/64	0.5156	51/64	0.7969
35/64	0.5469	13/16	0.8125
37/64	0.5781	53/64	0.8281
39/64	0.6094	27/32	0.8438
41/64	0.6406	55/64	0.8594
43/64	0.6719	7/8	0.8750
45/64	0.7031	57/64	0.8906
47/64	0.7344	29/32	0.9063
49/64	0.7656	59/64	0.9219
51/64	0.7969	15/16	0.9375
53/64	0.8281	61/64	0.9531
55/64	0.8594	31/32	0.9688
57/64	0.8906	63/64	0.9844
59/64	0.9219		
61/64	0.9531		
63/64	0.9844		

Convert 1/8" to decimal:

numerator is top number - numerator is 1  
denominator is bottom number - denominator is 8  
divide the top number with the bottom number -  $1/8 = 0.125$