



Technical Mathematical Conversions

Circumferences and Areas of Circles.

Diameter	Circumference	Area	Diameter	Circumference	Area	Diameter	Circumference	Area
1/64	0.0491	0.0002	2	6.2832	3.1416	5	15.7080	19.635
1/32	0.0982	0.0008	2 1/16	6.4795	3.3410	5 1/16	15.9043	20.129
1/16	0.1963	0.0031	2 1/8	6.6759	3.5466	5 1/8	16.1007	20.629
8/32	0.2945	0.0069	2 3/16	6.8722	3.7583	5 3/16	16.2970	21.135
1/8	0.3927	0.0123	2 1/4	7.0686	3.9761	5 1/4	16.4934	21.648
5/32	0.4909	0.0192	2 5/16	7.2649	4.2000	5 5/16	16.6987	22.166
3/16	0.5890	0.0276	2 3/8	7.4613	4.4301	5 3/8	16.8861	22.691
7/32	0.6872	0.0376	2 7/16	7.6576	4.6664	5 7/16	17.0824	23.221
1/4	0.7854	0.0491	2 1/2	7.8540	4.9087	5 1/2	17.2788	23.758
9/32	0.8836	0.0621	2 9/16	8.0503	5.1572	5 9/16	17.4751	24.301
5/16	0.9817	0.0767	2 5/8	8.2467	5.4119	5 5/8	17.6715	24.850
11/32	1.0799	0.0928	2 11/16	8.4430	5.6727	5 11/16	17.8678	25.406
3/8	1.1781	0.1104	2 3/4	8.6394	5.9396	5 3/4	18.0642	25.967
13/32	1.2763	0.1296	2 13/16	8.8357	6.2126	5 13/16	18.2605	26.535
7/16	1.3744	0.1503	2 7/8	9.0321	6.4918	5 7/8	18.4569	27.109
15/32	1.4726	0.1726	2 15/16	9.2284	6.7771	5 15/16	18.6532	27.688
1/2	1.5708	0.1963	3	9.4248	7.0686	6	18.8496	28.274
17/32	1.6690	0.2217	3 1/16	9.6211	7.3662	6 1/16	19.2423	29.465
9/16	1.7671	0.2485	3 1/8	9.8175	7.6699	6 1/8	19.6350	30.680
19/32	1.8653	0.2769	3 3/16	10.0138	7.9798	6 3/16	20.0277	31.919
5/8	1.9635	0.3068	3 1/4	10.2102	8.2958	6 1/2	20.4204	33.183
21/32	2.0617	0.3382	3 5/16	10.4065	8.6179	6 5/16	20.8131	34.472
11/16	2.1598	0.3712	3 3/8	10.6029	8.9462	6 3/8	21.2058	35.785
23/32	2.2580	0.4057	3 7/16	10.7992	9.2806	6 7/16	21.5984	37.122
3/4	2.3562	0.4418	3 1/2	10.9956	9.6211	7	21.9911	38.485
25/32	2.4544	0.4794	3 9/16	11.1919	9.9678	7 1/16	22.3838	39.871
13/16	2.5525	0.5185	3 5/8	11.3883	10.321	7 1/8	22.7765	41.282
27/32	2.6507	0.5591	3 11/16	11.5846	10.680	7 3/16	23.1692	42.718
7/8	2.7489	0.6013	3 3/4	11.7810	11.045	7 1/2	23.5619	44.179
29/32	2.8471	0.6450	3 13/16	11.9773	11.416	7 5/16	23.9546	45.664
15/16	2.9452	0.6903	3 7/8	12.1737	11.793	7 3/8	24.3473	47.173
31/32	3.0434	0.7371	3 15/16	12.3700	12.177	7 7/16	24.7400	48.707
1	3.1416	0.7854	4	12.5664	12.566	8	25.1327	50.265
1 1/16	3.3379	0.8866	4 1/16	12.7627	12.962	8 1/16	25.5254	51.849
1 1/8	3.5343	0.9940	4 1/8	12.9591	13.364	8 1/8	25.9181	53.456
1 1/4	3.7306	1.1075	4 3/16	13.1554	13.772	8 3/16	26.3108	55.088
1 1/8	3.9270	1.2272	4 1/4	13.3518	14.186	8 1/2	26.7035	56.745
1 5/16	4.1233	1.3530	4 5/16	13.5481	14.607	8 5/16	27.0962	58.426
1 3/8	4.3197	1.4849	4 3/8	13.7445	15.033	8 3/8	27.4889	60.132
1 7/16	4.5160	1.6230	4 7/16	13.9408	15.466	8 7/16	27.8816	61.862
1 1/2	4.7124	1.7671	4 1/2	14.1372	15.904	9	28.2743	63.617
1 5/8	4.9087	1.9175	4 9/16	14.3335	16.349	9 1/16	28.6670	65.397
1 5/8	5.1051	2.0739	4 5/8	14.5299	16.800	9 1/8	29.0597	67.201
1 11/16	5.3014	2.2365	4 11/16	14.7262	17.257	9 3/16	29.4524	69.029
1 3/4	5.4978	2.4053	4 3/4	14.9226	17.721	9 1/2	29.8451	70.882
1 13/16	5.6941	2.5802	4 13/16	15.1189	18.190	9 5/16	30.2378	72.760
1 7/8	5.8905	2.7612	4 7/8	15.3153	18.665	9 3/8	30.6305	74.662
1 15/16	6.0868	2.9483	4 15/16	15.5116	19.147	9 7/16	31.0232	76.589