TABLE 1. CIRCUMFERENCES AND AREAS OF CIRCLES

DIAMETER IN INCHES	AREA		CIRCUMFERENCE		DIAMETER IN INCHES	AREA		CIRCUMFERENCE	
	Sq In.	Sq Ft	Inches	Feet		Sq In.	Sq Ft	Inches	Feet
1/8	0.049	0.0003	0.785	0.0652	28	615.8	4.276	87.97	7.330
1/4	0.196	0.0014	1.571	0.1309	28 1/2	637.9	4.430	89.54	7.462
3/8	0.442	0.0031	2.356	0.1964	29	660.52	4.587	91.11	7.592
1	0.785	0.0054	3.142	0.2618	29 1/2	683.5	4.747	92.63	7.725
1 1/8	1.227	0.0085	3.927	0.3273	30	706.8	4.909	94.25	7.854
1 1/4	1.767	0.0123	4.712	0.3927	31	754.8	5.241	97.39	8.116
1 3/8	2.405	0.0167	5.498	0.4582	32	804.3	5.585	100.5	8.378
2	3.142	0.0218	6.283	0.5236	33	855.3	5.940	103.7	8.639
2 1/8	3.976	0.0276	7.069	0.5891	34	907.9	6.305	106.8	8.901
2 1/4	4.909	0.0341	7.854	0.6546	35	962.1	6.681	109.9	9.163
2 3/8	5.939	0.0412	8.639	0.7200	36	1018.0	7.069	113.1	9.425
3	7.069	0.0491	9.425	0.7854	37	1075.0	7.467	116.2	9.686
3 1/8	8.296	0.0576	10.21	0.8510	38	1134.0	7.876	119.4	9.948
3 1/2	9.621	0.0668	10.99	0.9160	39	1195.0	8.296	122.5	10.21
3 3/8	11.04	0.0767	11.78	0.9818	40	1256.0	8.727	125.6	10.47
4	12.57	0.0873	12.57	1.047	41	1320.0	9.168	128.8	10.73
4 1/8	14.19	0.0986	13.35	1.113	42	1385.0	9.621	131.9	10.99
4 1/2	15.90	0.1104	14.14	1.178	43	1452.0	10.08	135.1	11.26
4 3/8	17.72	0.1231	14.92	1.243	44	1521.0	10.56	138.2	11.52
5	19.64	0.1364	15.71	1.309	45	1590.0	11.04	141.4	11.78
5 1/8	21.65	0.1504	16.49	1.374	46	1662.0	11.54	144.5	12.04
5 1/2	23.76	0.1650	17.28	1.440	47	1735.0	12.05	147.7	12.30
5 3/8	25.97	0.1840	18.06	1.505	48	1810.0	12.51	150.8	12.57
6	28.27	0.1964	18.85	1.571	49	1886.0	13.09	153.9	12.83
6 1/8	30.68	0.2131	19.64	1.637	50	1963.0	13.64	157.1	13.09
6 1/2	33.18	0.2304	20.42	1.702	51	2043.0	14.19	160.2	13.35
6 3/8	35.79	0.2486	21.21	1.768	52	2124.0	14.75	163.4	13.61
7	38.49	0.2673	21.99	1.833	53	2206.0	15.32	166.5	13.88
7 1/8	41.28	0.2867	22.78	1.899	54	2290.0	15.90	169.6	14.14
7 1/2	44.18	0.3068	23.56	1.964	55	2376.0	16.50	172.8	14.40
7 3/8	47.17	0.3276	24.35	2.029	56	2463.0	17.10	175.9	14.66
8	50.27	0.3491	25.13	2.094	57	2552.0	17.72	179.1	14.92
8 1/8	53.46	0.3713	25.92	2.160	58	2642.0	18.35	182.2	15.18
8 1/2	56.75	0 3942	26.70	2.225	59	2734.0	18.99	185.4	15.45
8 3/8	60.13	0.4175	27.49	2.291	60	2827.0	19.63	188.5	15.71
9	63.62	0.4418	28.27	2.356	61	2922.0	20.29	191.6	15.97
9 1/8	67.20	0.4668	29.06	2.422	62	3019.0	20.97	194.8	16.23
9 1/2	70.88	0.4923	29.85	2.488	63	3117.0	21.65	197.9	16.49
9 3/8	74.66	0.5185	30.63	2.553	64	3217.0	22.34	201.1	16.76
10	78.54	0.5454	31.42	2.618	65	3318.0	23.04	204.2	17.02
10 1/2	86.59	0.6010	32.99	2.750	66	3421.0	23.76	207.3	17.28
11	95.03	0.6600	34.56	2.880	67	3526.0	24.48	210.5	17.54
11 1/8	103.9	0.7215	36.13	3.011	68	3632.0	25.22	213.6	17.80
12	113.1	0.7854	37.70	3.142	69	3739.0	25.97	216.8	18.06
12 1/2	122.7	0.8520	39.27	3 273	70	3848.0	26.73	219.9	18.33
13	132.7	0.9218	40.84	3.403	71	3959.0	27.49	223.1	18.59
13 1/2	143.1	0.9937	42.41	3.535	72	4072.0	28.27	226.2	18.85
14	153.9	1.069	43.98	3.665	73	4185.0	29.07	229.3	19.11
14 1/2	165.1	1.146	45.55	3.796	74	4301.0	29.87	232.5	19.37
15	176.7	1.227	47.12	3.927	75	4418.0	30.68	235.6	19.63
15 1/2	188.7	1.310	48.69	4.058	76	4536.0	31.50	238.8	19.90
16	201.1	1.396	50.27	4.189	77	4657.0	32.34	241.9	20.16
16 1/2	213.8	1.485	51.84	4.321	78	4778.0	33.18	245.0	20.42
17	226.9	1.576	53.41	4.451	79	4902.0	34.04	248.2	20.68
17 1/2	240.5	1.670	54.98	4.582	80	5027.0	34.91	251.3	20.94
18	254.5	1.767	56.55	4.712	81	5153.0	35.78	254.5	21.21
18 1/2	268.8	1.867	58.12	4.845	82	5281.0	36.67	257.6	21.47
19	283.5	1.969	59.69	4.974	83	5411.0	37.57	260.8	21.73
19 1/2	298.6	2.074	61.26	5.105	84	5542.0	38.48	263.9	21.99
20	314.2	2.182	62.83	5.236	85	5675.0	39.41	267.0	22.25
20 1/2	330.1	2.293	64.40	5.367	86	5809.0	40.34	270.2	22.51
21	346.4	2.405	65.97	5.498	87	5945.0	41.28	273.3	22.78
21 1/2	361.1	2.508	67.54	5.629	88	6082.0	42.24	276.5	23.04
22	380.1	2.640	69.12	5.760	89	6221.0	43.20	279.6	23.30
22 1/2	397.6	2.761	70.69	5.891	90	6362.0	44.18	282.7	23.56
23	415.5	2.885	72.26	6.021	91	6504.0	45.17	285.9	23.82
23 1/2	433.7	3.012	73.83	6.153	92	6648.0	46.16	289.0	24.09
24	452.4	3.142	75.40	6.283	93	6793.0	47.17	292.2	24.35
24 1/2	471.4	3.274	76.97	6.415	94	6940.0	48.19	295.3	24.61
25	490.9	3.409	78.54	6.545	95	7088.0	49.22	298.4	24.87
25 1/2	510.7	3.547	80.11	6.676	96	7238.0	50.27	301.6	25.13
26	530.9	3.687	81.68	6.807	97	7390.0	51.32	304.7	25.39
26 1/2	551.6	3.832	83.25	6.938	98	7543.0	52.38	307.9	25.66
27	572.6	3.976	84.82	7.069	99	7698.0	53.46	311.0	25.92
27 1/2	593.9	4.125	86.39	7.199	100	7854.0	54.54	314.2	26.18

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