



Area of Circles

Diam. Inches	Area	Diam. Inches	Area	Diam. Inches	Area	Diam. Inches	Area
$\frac{1}{8}$	.012	7	38.48	19	283.53	37	1075.2
$\frac{1}{4}$	.049	$7\frac{1}{2}$	44.17	$19\frac{1}{2}$	298.64	38	1134.1
$\frac{3}{8}$	.110	8	50.26	20	314.16	39	1194.6
$\frac{1}{2}$	.196	$8\frac{1}{2}$	56.74	$20\frac{1}{2}$	330.06	40	1256.6
$\frac{3}{4}$	.441	9	63.61	21	346.36	41	1320.2
1	.785	$9\frac{1}{2}$	70.88	$21\frac{1}{2}$	363.05	42	1385.4
$1\frac{1}{8}$	.994	10	78.54	22	380.13	43	1452.2
$1\frac{1}{4}$	1.227	$10\frac{1}{2}$	86.59	$22\frac{1}{2}$	397.60	44	1520.5
$1\frac{1}{2}$	1.767	11	95.03	23	415.47	45	1590.4
$1\frac{3}{4}$	2.405	$11\frac{1}{2}$	103.87	$23\frac{1}{2}$	433.73	46	1661.9
2	3.141	12	113.10	24	452.39	47	1734.9
$2\frac{1}{4}$	3.976	$12\frac{1}{2}$	122.71	$24\frac{1}{2}$	471.43	48	1808.5
$2\frac{1}{2}$	4.908	13	132.72	25	490.8	49	1885.5
$2\frac{3}{4}$	5.939	$13\frac{1}{2}$	143.13	26	530.9	50	1963.5
3	7.06	14	153.94	27	572.5	51	2042.8
$3\frac{1}{4}$	8.29	$14\frac{1}{2}$	165.13	28	615.7	52	2123.7
$3\frac{1}{2}$	9.62	15	176.71	29	660.5	53	2206.1
$3\frac{3}{4}$	11.04	$15\frac{1}{2}$	188.69	30	706.8	54	2290.2
4	12.56	16	201.06	31	754.7	55	2375.8
$4\frac{1}{2}$	15.90	$16\frac{1}{2}$	213.82	32	804.2	56	2463.0
5	19.63	17	226.98	33	855.3	57	2551.7
$5\frac{1}{2}$	23.75	$17\frac{1}{2}$	240.52	34	907.9	58	2642.0
6	28.27	18	254.46	35	962.1	59	2733.9
$6\frac{1}{2}$	33.18	$18\frac{1}{2}$	268.80	36	1017.8	60	2827.4

Other dimensions of circles are obtained, viz.:

Diameter $\times$ 3.1416 = circumference.

Diameter $\times$.8862 = side of an equal square.

Diameter $\times$ diameter $\times$.7854 = area of circle.

Circumference $\div$ 3.1416 = diameter.

Circumference $\div$ 6.28318 = one-half of diameter or radius.

Circumference $\times$ $\frac{1}{4}$ of diameter = area of circle.

Square inches $\times$.007 = square feet.

Circular inches $\times$.00546 = square feet.

Cube inches $\times$.00058 = cube feet.