

θ	$\sin \theta$	$\sin \theta * 256$
0	0	0
1	0.017452406	4.467816048
2	0.034899497	8.934271156
3	0.052335956	13.3980048
4	0.069756474	17.85765728
5	0.087155743	22.31187014
6	0.104528463	26.7592866
7	0.121869343	31.19855191
8	0.139173101	35.62831385
9	0.156434465	40.04722305
10	0.173648178	44.45393348
11	0.190808995	48.84710282
12	0.207911691	53.22539285
13	0.224951054	57.58746991
14	0.241921896	61.93200527
15	0.258819045	66.25767555
16	0.275637356	70.56316309
17	0.292371705	74.84715641
18	0.309016994	79.10835056
19	0.325568154	83.34544754
20	0.342020143	87.55715669
21	0.35836795	91.74219508
22	0.374606593	95.89928791
23	0.390731128	100.0271689
24	0.406736643	104.1245806
25	0.422618262	108.190275
26	0.438371147	112.2230136
27	0.4539905	116.2215679
28	0.469471563	120.1847201
29	0.48480962	124.1112628
30	0.5	128
31	0.515038075	131.8497472
32	0.529919264	135.6593316

33	0.544639035	139.427593
34	0.559192903	143.1533833
35	0.573576436	146.8355677
36	0.587785252	150.4730246
37	0.601815023	154.0646459
38	0.615661475	157.6093377
39	0.629320391	161.1060201
40	0.64278761	164.5536281
41	0.656059029	167.9511114
42	0.669130606	171.2974352
43	0.68199836	174.5915802
44	0.69465837	177.8325428
45	0.707106781	181.019336
46	0.7193398	184.1509889
47	0.731353702	187.2265476
48	0.743144825	190.2450753
49	0.75470958	193.2056525
50	0.766044443	196.1073774
51	0.777145961	198.9493661
52	0.788010754	201.7307529
53	0.79863551	204.4506906
54	0.809016994	207.1083506
55	0.819152044	209.7029233
56	0.829037573	212.2336186
57	0.838670568	214.6996654
58	0.848048096	217.1003126
59	0.857167301	219.434829
60	0.866025404	221.7025034
61	0.874619707	223.902645
62	0.882947593	226.0345838
63	0.891006524	228.0976702
64	0.898794046	230.0912759
65	0.906307787	232.0147935
66	0.913545458	233.8676372

67	0.920504853	235.6492425
68	0.927183855	237.3590668
69	0.933580426	238.9965892
70	0.939692621	240.5613109
71	0.945518576	242.0527554
72	0.951056516	243.4704682
73	0.956304756	244.8140175
74	0.961261696	246.0829942
75	0.965925826	247.2770115
76	0.970295726	248.3957059
77	0.974370065	249.4387366
78	0.978147601	250.4057858
79	0.981627183	251.296559
80	0.984807753	252.1107848
81	0.987688341	252.8482152
82	0.990268069	253.5086256
83	0.992546152	254.0918148
84	0.994521895	254.5976052
85	0.996194698	255.0258427
86	0.99756405	255.3763969
87	0.998629535	255.6491609
88	0.999390827	255.8440517
89	0.999847695	255.96101
90	1	256
91	0.999847695	255.96101
92	0.999390827	255.8440517
93	0.998629535	255.6491609
94	0.99756405	255.3763969
95	0.996194698	255.0258427
96	0.994521895	254.5976052
97	0.992546152	254.0918148
98	0.990268069	253.5086256
99	0.987688341	252.8482152
100	0.984807753	252.1107848

101	0.981627183	251.296559
102	0.978147601	250.4057858
103	0.974370065	249.4387366
104	0.970295726	248.3957059
105	0.965925826	247.2770115
106	0.961261696	246.0829942
107	0.956304756	244.8140175
108	0.951056516	243.4704682
109	0.945518576	242.0527554
110	0.939692621	240.5613109
111	0.933580426	238.9965892
112	0.927183855	237.3590668
113	0.920504853	235.6492425
114	0.913545458	233.8676372
115	0.906307787	232.0147935
116	0.898794046	230.0912759
117	0.891006524	228.0976702
118	0.882947593	226.0345838
119	0.874619707	223.902645
120	0.866025404	221.7025034
121	0.857167301	219.434829
122	0.848048096	217.1003126
123	0.838670568	214.6996654
124	0.829037573	212.2336186
125	0.819152044	209.7029233
126	0.809016994	207.1083506
127	0.79863551	204.4506906
128	0.788010754	201.7307529
129	0.777145961	198.9493661
130	0.766044443	196.1073774
131	0.75470958	193.2056525
132	0.743144825	190.2450753
133	0.731353702	187.2265476
134	0.7193398	184.1509889

135	0.707106781	181.019336
136	0.69465837	177.8325428
137	0.68199836	174.5915802
138	0.669130606	171.2974352
139	0.656059029	167.9511114
140	0.64278761	164.5536281
141	0.629320391	161.1060201
142	0.615661475	157.6093377
143	0.601815023	154.0646459
144	0.587785252	150.4730246
145	0.573576436	146.8355677
146	0.559192903	143.1533833
147	0.544639035	139.427593
148	0.529919264	135.6593316
149	0.515038075	131.8497472
150	0.5	128
151	0.48480962	124.1112628
152	0.469471563	120.1847201
153	0.4539905	116.2215679
154	0.438371147	112.2230136
155	0.422618262	108.190275
156	0.406736643	104.1245806
157	0.390731128	100.0271689
158	0.374606593	95.89928791
159	0.35836795	91.74219508
160	0.342020143	87.55715669
161	0.325568154	83.34544754
162	0.309016994	79.10835056
163	0.292371705	74.84715641
164	0.275637356	70.56316309
165	0.258819045	66.25767555
166	0.241921896	61.93200527
167	0.224951054	57.58746991
168	0.207911691	53.22539285

169	0.190808995	48.84710282
170	0.173648178	44.45393348
171	0.156434465	40.04722305
172	0.139173101	35.62831385
173	0.121869343	31.19855191
174	0.104528463	26.7592866
175	0.087155743	22.31187014
176	0.069756474	17.85765728
177	0.052335956	13.3980048
178	0.034899497	8.934271156
179	0.017452406	4.467816048
180	0	0