



deg(角度)为0° 00' ~11° 50' 时				
deg(角度°)	sin θ 值	cos θ 值	tan θ 值	cot θ 值
0° 00'	.0000	1.0000	.0000	∞
10	.0029	1.0000	.0029	343.77
20	.0058	1.0000	.0058	171.89
30	.0087	1.0000	.0087	114.59
40	.0116	.9999	.0116	85.940
50	.0145	.9999	.0145	68.750
1° 00'	.0175	.9998	.0175	57.290
10	.0204	.9998	.0204	49.104
20	.0233	.9997	.0233	42.964
30	.0262	.9997	.0262	38.188
40	.0291	.9996	.0291	34.368
50	.0320	.9995	.0320	31.242
2° 00'	.0349	.9994	.0349	28.636
10	.0378	.9993	.0378	26.432
20	.0407	.9992	.0407	24.542
30	.0436	.9990	.0437	22.904
40	.0465	.9989	.0466	21.470
50	.0494	.9988	.0495	20.206
3° 00'	.0523	.9986	.0524	19.081
10	.0552	.9985	.0553	18.075
20	.0581	.9983	.0582	17.169
30	.0610	.9981	.0612	16.350
40	.0640	.9980	.0641	15.605
50	.0669	.9978	.0670	14.924
4° 00'	.0698	.9976	.0699	14.301
10	.0727	.9974	.0729	13.727
20	.0756	.9971	.0758	13.197
30	.0785	.9969	.0787	12.706
40	.0814	.9967	.0816	12.251
50	.0843	.9964	.0846	11.826
5° 00'	.0872	.9962	.0875	11.430
10	.0901	.9959	.0904	11.059
20	.0929	.9957	.0934	10.712
30	.0958	.9954	.0963	10.385
40	.0987	.9951	.0992	10.078
50	.1016	.9948	.1022	9.7882
6° 00'	.1045	.9945	.1051	9.5144
10	.1074	.9942	.1080	9.2553
20	.1103	.9939	.1110	9.0098
30	.1132	.9936	.1139	8.7769
40	.1161	.9932	.1169	8.5555
50	.1190	.9929	.1198	8.3450
7° 00'	.1219	.9925	.1228	8.1443
10	.1248	.9922	.1257	7.9530
20	.1276	.9918	.1287	7.7704
30	.1305	.9914	.1317	7.5958
40	.1334	.9911	.1346	7.4287
50	.1363	.9907	.1376	7.2687
8° 00'	.1392	.9903	.1405	7.1154
10	.1421	.9899	.1435	6.9682
20	.1449	.9894	.1465	6.8269
30	.1478	.9890	.1495	6.6912
40	.1507	.9886	.1524	6.5606
50	.1536	.9881	.1554	6.4348
9° 00'	.1564	.9877	.1584	6.3138
10	.1593	.9872	.1614	6.1970
20	.1622	.9868	.1644	6.0844
30	.1650	.9863	.1673	5.9758
40	.1679	.9858	.1703	5.8708
50	.1708	.9853	.1733	5.7694
10° 00'	.1736	.9848	.1763	5.6713
10	.1765	.9843	.1793	5.5764
20	.1794	.9838	.1823	5.4845
30	.1822	.9833	.1853	5.3955
40	.1851	.9827	.1883	5.3093
50	.1880	.9822	.1914	5.2257
11° 00'	.1908	.9816	.1944	5.1446
10	.1937	.9811	.1974	5.0658
20	.1965	.9805	.2004	4.9894
30	.1994	.9799	.2035	4.9152
40	.2022	.9793	.2065	4.8430
50	.2051	.9787	.2095	4.7729
cos θ 值 sin θ 值 cot θ 值 tan θ 值 deg(角度°)				
deg(角度)为78° 10' ~90° 00' 时 θ				

deg(角度)为12° 00' ~23° 50' 时				
deg(角度°)	sin θ 值	cos θ 值	tan θ 值	cot θ 值
12° 00'	.2079	.9781	.2126	4.7046
10	.2108	.9775	.2156	4.6382
20	.2136	.9769	.2186	4.5736
30	.2164	.9763	.2217	4.5107
40	.2193	.9757	.2247	4.4494
50	.2221	.9750	.2278	4.3897
13° 00'	.2250	.9744	.2309	4.3315
10	.2278	.9737	.2339	4.2747
20	.2306	.9730	.2370	4.2193
30	.2334	.9724	.2401	4.1653
40	.2363	.9717	.2432	4.1126
50	.2391	.9710	.2462	4.0611
14° 00'	.2419	.9703	.2493	4.0108
10	.2447	.9696	.2524	3.9617
20	.2476	.9689	.2555	3.9136
30	.2504	.9681	.2586	3.8667
40	.2532	.9674	.2617	3.8208
50	.2560	.9667	.2648	3.7760
15° 00'	.2588	.9659	.2679	3.7321
10	.2616	.9652	.2711	3.6891
20	.2644	.9644	.2742	3.6470
30	.2672	.9636	.2773	3.6059
40	.2700	.9628	.2805	3.5656
50	.2728	.9621	.2836	3.5261
16° 00'	.2756	.9613	.2867	3.4874
10	.2784	.9605	.2899	3.4495
20	.2812	.9596	.2931	3.4124
30	.2840	.9588	.2962	3.3759
40	.2868	.9580	.2994	3.3402
50	.2896	.9572	.3026	3.3052
17° 00'	.2924	.9563	.3057	3.2709
10	.2952	.9555	.3089	3.2371
20	.2979	.9546	.3121	3.2041
30	.3007	.9537	.3153	3.1716
40	.3035	.9528	.3185	3.1397
50	.3062	.9520	.3217	3.1084
18° 00'	.3090	.9511	.3249	3.0777
10	.3118	.9502	.3281	3.0475
20	.3145	.9492	.3314	3.0178
30	.3173	.9483	.3346	2.9887
40	.3201	.9474	.3378	2.9600
50	.3228	.9465	.3411	2.9319
19° 00'	.3256	.9455	.3443	2.9042
10	.3283	.9446	.3476	2.8770
20	.3311	.9436	.3508	2.8502
30	.3338	.9426	.3541	2.8239
40	.3365	.9417	.3574	2.7980
50	.3393	.9407	.3607	2.7725
20° 00'	.3420	.9397	.3640	2.7475
10	.3448	.9387	.3673	2.7228
20	.3475	.9377	.3706	2.6985
30	.3502	.9367	.3739	2.6746
40	.3529	.9356	.3772	2.6511
50	.3557	.9346	.3805	2.6279
21° 00'	.3584	.9336	.3839	2.6051
10	.3611	.9325	.3872	2.5826
20	.3638	.9315	.3906	2.5605
30	.3665	.9304	.3939	2.5386
40	.3692	.9293	.3973	2.5172
50	.3719	.9283	.4006	2.4960
22° 00'	.3746	.9272	.4040	2.4751
10	.3773	.9261	.4074	2.4545
20	.3800	.9250	.4108	2.4342
30	.3827	.9239	.4142	2.4142
40	.3854	.9228	.4176	2.3945
50	.3881	.9216	.4210	2.3750
23° 00'	.3907	.9205	.4245	2.3559
10	.3934	.9194	.4279	2.3369
20	.3961	.9182	.4314	2.3183
30	.3987	.9171	.4348	2.2998
40	.4014	.9159	.4383	2.2817
50	.4041	.9147	.4417	2.2637
cos θ 值 sin θ 值 cot θ 值 tan θ 值 deg(角度°)				
deg(角度)为66° 10' ~78° 00' 时 θ				

deg(角度)为24° 00' ~35° 50' 时				
deg(角度°)	sin θ 值	cos θ 值	tan θ 值	cot θ 值
24° 00'	.4067	.9135	.4452	2.2460
10	.4094	.9124	.4487	2.2286
20	.4120	.9112	.4522	2.2113
30	.4147	.9100	.4557	2.1943
40	.4173	.9088	.4592	2.1775
50	.4200	.9075	.4628	2.1609
25° 00'	.4226	.9063	.4663	2.1445
10	.4253	.9051	.4699	2.1283
20	.4279	.9038	.4734	2.1123
30	.4305	.9026	.4770	2.0965
40	.4331	.9013	.4806	2.0809
50	.4358	.9001	.4841	2.0655
26° 00'	.4384	.8988	.4877	2.0503
10	.4410	.8975	.4913	2.0353
20	.4436	.8962	.4950	2.0204
30	.4462	.8949	.4986	2.0057
40	.4488	.8936	.5022	1.9912
50	.4514	.8923	.5059	1.9768
27° 00'	.4540	.8910	.5095	1.9626
10	.4566	.8897	.5132	1.9486
20	.4592	.8884	.5169	1.9347
30	.4617	.8870	.5206	1.9210
40	.4643	.8857	.5243	1.9074
50	.4669	.8843	.5280	1.8940
28° 00'	.4695	.8829	.5317	1.8807
10	.4720	.8816	.5354	1.8676
20	.4746	.8802	.5392	1.8546
30	.4772	.8788	.5430	1.8418
40	.4797	.8774	.5467	1.8291
50	.4823	.8760	.5505	1.8165
29° 00'	.4848	.8746	.5543	1.8040
10	.4874	.8732	.5581	1.7917
20	.4899	.8718	.5619	1.7796
30	.4924	.8704	.5658	1.7675
40	.4950	.8689	.5696	1.7556
50	.4975	.8675	.5735	1.7437
30° 00'	.5000	.8660	.5774	1.7321
10	.5025	.8646	.5812	1.7205
20	.5050	.8631	.5851	1.7090
30	.5075	.8616	.5890	1.6977
40	.5100	.8601	.5930	1.6864
50	.5125	.8587	.5969	1.6753
31° 00'	.5150	.8572	.6009	1.6643
10	.5175	.8557	.6048	1.6534
20	.5200	.8542	.6088	1.6426
30	.5225	.8526	.6128	1.6319
40	.5250	.8511	.6168	1.6212
50	.5275	.8496	.6208	1.6107
32° 00'	.5299	.8480	.6249	1.6003
10	.5324	.8465	.6289	1.5900
20	.5348	.8450	.6330	1.5798
30	.5373	.8434	.6371	1.5697
40	.5397	.8418	.6412	1.5597
50	.5422	.8403	.6453	1.5497
33° 00'	.5446	.8387	.6494	1.5399
10	.5471	.8371	.6536	1.5301
20	.5495	.8355	.6577	1.5204
30	.5519	.8339	.6619	1.5108
40	.5544	.8323	.6661	1.5013
50	.5568	.8307	.6703	1.4919
34° 00'	.5592	.8290	.6745	1.4826
10	.5616	.8274	.6787	1.4733
20	.5640	.8258	.6830	1.4641
30	.5664	.8241	.6873	1.4550
40	.5688	.8225	.6916	1.4460
50	.5712	.8208	.6959	1.4370
35° 00'	.5736	.8192	.7002	1.4281
10	.5760	.8175	.7046	1.4193
20	.5783	.8158	.7089	1.4106
30	.5807	.8141	.7133	1.4019
40	.5831	.8124	.7177	1.3934
50	.5854	.8107	.7221	1.3848
cos θ 值 sin θ 值 cot θ 值 tan θ 值 deg(角度°)				
deg(角度)为54° 10' ~66° 00' 时 θ				

deg(角度)为36° 00' ~45° 00' 时				
deg(角度°)	sin θ 值	cos θ 值	tan θ 值	cot θ 值
36° 00'	.5878	.8090	.7265	1.3764
10	.5901	.8073	.7310	1.3680
20	.5925	.8056	.7355	1.3597
30	.5948	.8039	.7400	1.3514
40	.5972	.8021	.7445	1.3432
50	.5995	.8004	.7490	1.3351
37° 00'	.6018	.7986	.7536	1.3270
10	.6041	.7969	.7581	1.3190
20	.6065	.7951	.7627	1.3111
30	.6088	.7934	.7673	1.3032