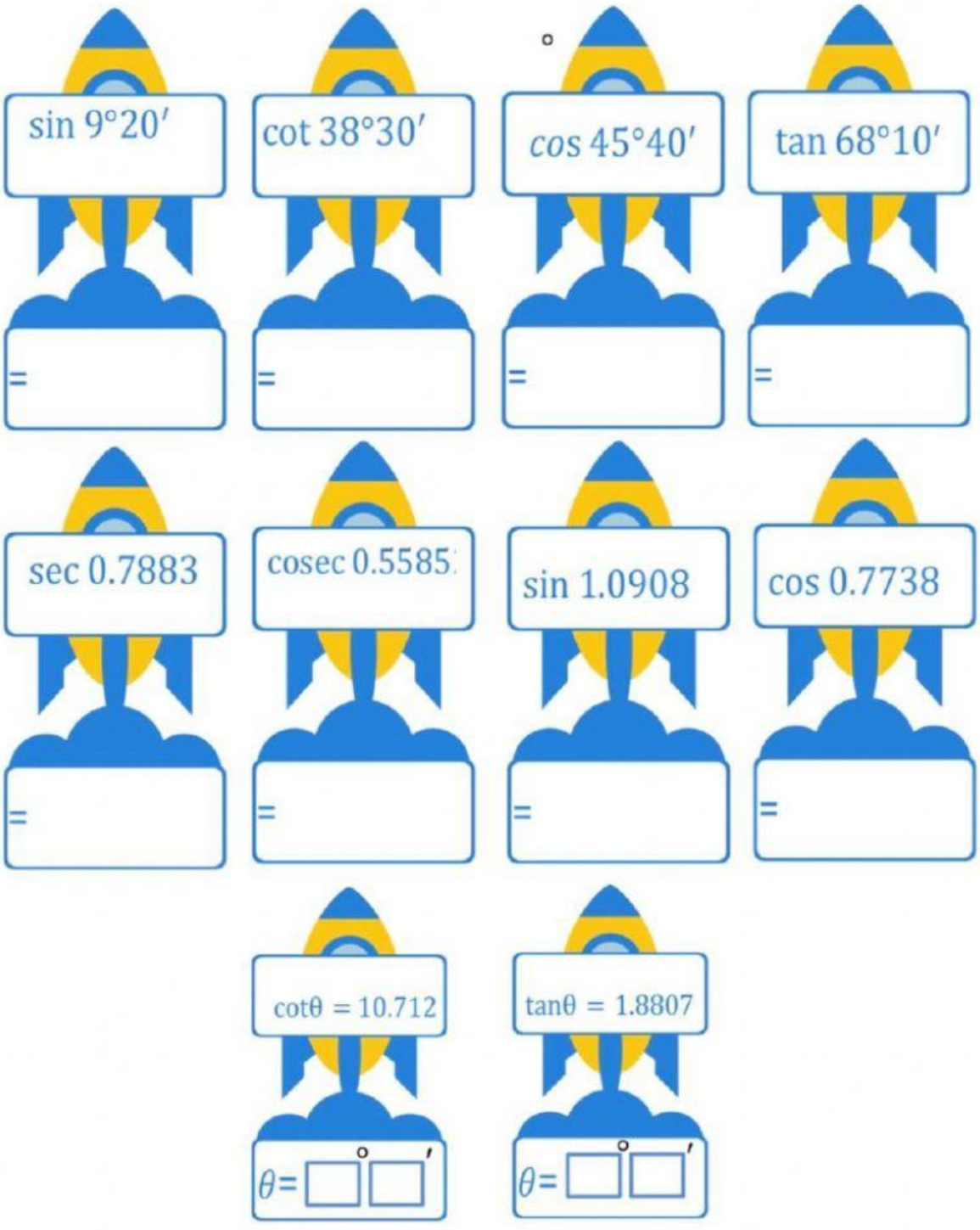
ชื่อ - สกุล .....เลขที่ ..... ชั้น ม.5/ .....

เปิดตารางหาค่าตรีโกณมิติแบบง่าย



LIVEWORKSHEETS

ภาคผนวก

ตารางค่าฟังก์ชันตรีโกณมิติของมุมตั้งแต่ 0 - 90 องศา

Angle θ									
Degrees	Radians	sin θ	cosec θ	tan θ	cot θ	sec θ	cos θ		
0°00'	0.0000	0.0000	No value	0.0000	No value	1.0000	1.0000	1.5708	90°00'
10'	0.0029	0.0029	343.78	0.0029	343.77	1.0000	1.0000	1.5679	50'
20'	0.0058	0.0058	171.89	0.0058	171.89	1.0000	1.0000	1.5650	40'
30'	0.0087	0.0087	114.59	0.0087	114.59	1.0000	1.0000	1.5621	30'
40'	0.0116	0.0116	85.946	0.0116	85.940	1.0001	0.9999	1.5592	20'
50'	0.0145	0.0145	68.757	0.0145	68.750	1.0001	0.9999	1.5563	10'
1°00'	0.0175	0.0175	57.299	0.0175	57.290	1.0002	0.9998	1.5533	89°00'
10'	0.0204	0.0204	49.114	0.0204	49.104	1.0002	0.9998	1.5504	50'
20'	0.0233	0.0233	42.976	0.0233	42.964	1.0003	0.9997	1.5475	40'
30'	0.0262	0.0262	38.202	0.0262	38.188	1.0003	0.9997	1.5446	30'
40'	0.0291	0.0291	34.382	0.0291	34.368	1.0004	0.9996	1.5417	20'
50'	0.0320	0.0320	31.258	0.0320	31.242	1.0005	0.9995	1.5388	10'
2°00'	0.0349	0.0349	28.654	0.0349	28.636	1.0006	0.9994	1.5359	88°00'
10'	0.0378	0.0378	26.451	0.0378	26.432	1.0007	0.9993	1.5330	50'
20'	0.0407	0.0407	24.562	0.0407	24.542	1.0008	0.9992	1.5301	40'
30'	0.0436	0.0436	22.926	0.0437	22.904	1.0010	0.9990	1.5272	30'
40'	0.0465	0.0465	21.494	0.0466	21.470	1.0011	0.9989	1.5243	20'
50'	0.0495	0.0494	20.230	0.0495	20.206	1.0012	0.9988	1.5213	10'
3°00'	0.0524	0.0523	19.107	0.0524	19.081	1.0014	0.9986	1.5184	87°00'
10'	0.0553	0.0552	18.103	0.0553	18.075	1.0015	0.9985	1.5155	50'
20'	0.0582	0.0581	17.198	0.0582	17.169	1.0017	0.9983	1.5126	40'
30'	0.0611	0.0610	16.380	0.0612	16.350	1.0019	0.9981	1.5097	30'
40'	0.0640	0.0640	15.637	0.0641	15.605	1.0021	0.9980	1.5068	20'
50'	0.0669	0.0669	14.958	0.0670	14.924	1.0022	0.9978	1.5039	10'
4°00'	0.0698	0.0698	14.336	0.0699	14.301	1.0024	0.9976	1.5010	86°00'
10'	0.0727	0.0727	13.763	0.0729	13.727	1.0027	0.9974	1.4981	50'
20'	0.0756	0.0756	13.235	0.0758	13.197	1.0029	0.9971	1.4952	40'
30'	0.0785	0.0785	12.745	0.0787	12.706	1.0031	0.9969	1.4923	30'
40'	0.0814	0.0814	12.291	0.0816	12.251	1.0033	0.9967	1.4893	20'
50'	0.0844	0.0843	11.868	0.0846	11.826	1.0036	0.9964	1.4864	10'
5°00'	0.0873	0.0872	11.474	0.0875	11.430	1.0038	0.9962	1.4835	85°00'
10'	0.0902	0.0901	11.105	0.0904	11.059	1.0041	0.9959	1.4806	50'
20'	0.0931	0.0929	10.758	0.0934	10.712	1.0043	0.9957	1.4777	40'
30'	0.0960	0.0958	10.433	0.0963	10.385	1.0046	0.9954	1.4748	30'
40'	0.0989	0.0987	10.128	0.0992	10.078	1.0049	0.9951	1.4719	20'
50'	0.1018	0.1016	9.8391	0.1022	9.7882	1.0052	0.9948	1.4690	10'
6°00'	0.1047	0.1045	9.5668	0.1051	9.5144	1.0055	0.9945	1.4661	84°00'
10'	0.1076	0.1074	9.3092	0.1080	9.2553	1.0058	0.9942	1.4632	50'
20'	0.1105	0.1103	9.0652	0.1110	9.0098	1.0061	0.9939	1.4603	40'
30'	0.1134	0.1132	8.8337	0.1139	8.7769	1.0065	0.9936	1.4573	30'
40'	0.1164	0.1161	8.6138	0.1169	8.5555	1.0068	0.9932	1.4544	20'
50'	0.1193	0.1190	8.4047	0.1198	8.3450	1.0072	0.9929	1.4515	10'
7°00'	0.1222	0.1219	8.2055	0.1228	8.1443	1.0075	0.9925	1.4486	83°00'
10'	0.1251	0.1248	8.0156	0.1257	7.9530	1.0079	0.9922	1.4457	50'
20'	0.1280	0.1276	7.8344	0.1287	7.7704	1.0082	0.9918	1.4428	40'
30'	0.1309	0.1305	7.6613	0.1317	7.5958	1.0086	0.9914	1.4399	30'
40'	0.1338	0.1334	7.4957	0.1346	7.4287	1.0090	0.9911	1.4370	20'
50'	0.1367	0.1363	7.3372	0.1376	7.2687	1.0094	0.9907	1.4341	10'
8°00'	0.1396	0.1392	7.1853	0.1405	7.1154	1.0098	0.9903	1.4312	82°00'
10'	0.1425	0.1421	7.0396	0.1435	6.9682	1.0102	0.9899	1.4283	50'
20'	0.1454	0.1449	6.8998	0.1465	6.8269	1.0107	0.9894	1.4254	40'
30'	0.1484	0.1478	6.7655	0.1495	6.6912	1.0111	0.9890	1.4224	30'
40'	0.1513	0.1507	6.6363	0.1524	6.5606	1.0116	0.9886	1.4195	20'
50'	0.1542	0.1536	6.5121	0.1554	6.4348	1.0120	0.9881	1.4166	10'
9°00'	0.1571	0.1564	6.3925	0.1584	6.3138	1.0125	0.9877	1.4137	81°00'
		cos θ	sec θ	cot θ	tan θ	cosec θ	sin θ	Radians	Degrees
								Angle θ	

LIVEWORKSHEETS

Angle θ									
Degrees	Radians	sin θ	cosec θ	tan θ	cot θ	sec θ	cos θ		
9°00'	0.1571	0.1564	6.3925	0.1584	6.3138	1.0125	0.9877	1.4137	81°00'
10'	0.1600	0.1593	6.2772	0.1614	6.1970	1.0129	0.9872	1.4108	50'
20'	0.1629	0.1622	6.1661	0.1644	6.0844	1.0134	0.9868	1.4079	40'
30'	0.1658	0.1650	6.0589	0.1673	5.9758	1.0139	0.9863	1.4050	30'
40'	0.1687	0.1679	5.9554	0.1703	5.8708	1.0144	0.9858	1.4021	20'
50'	0.1716	0.1708	5.8554	0.1733	5.7694	1.0149	0.9853	1.3992	10'
10°00'	0.1745	0.1736	5.7588	0.1763	5.6713	1.0154	0.9848	1.3963	80°00'
10'	0.1774	0.1765	5.6653	0.1793	5.5764	1.0160	0.9843	1.3934	50'
20'	0.1804	0.1794	5.5749	0.1823	5.4845	1.0165	0.9838	1.3904	40'
30'	0.1833	0.1822	5.4874	0.1853	5.3955	1.0170	0.9833	1.3875	30'
40'	0.1862	0.1851	5.4026	0.1883	5.3093	1.0176	0.9827	1.3846	20'
50'	0.1891	0.1880	5.3205	0.1914	5.2257	1.0181	0.9822	1.3817	10'
11°00'	0.1920	0.1908	5.2408	0.1944	5.1446	1.0187	0.9816	1.3788	79°00'
10'	0.1949	0.1937	5.1636	0.1974	5.0658	1.0193	0.9811	1.3759	50'
20'	0.1978	0.1965	5.0886	0.2004	4.9894	1.0199	0.9805	1.3730	40'
30'	0.2007	0.1994	5.0159	0.2035	4.9152	1.0205	0.9799	1.3701	30'
40'	0.2036	0.2022	4.9452	0.2065	4.8430	1.0211	0.9793	1.3672	20'
50'	0.2065	0.2051	4.8765	0.2095	4.7729	1.0217	0.9787	1.3643	10'
12°00'	0.2094	0.2079	4.8097	0.2126	4.7046	1.0223	0.9781	1.3614	78°00'
10'	0.2123	0.2108	4.7448	0.2156	4.6382	1.0230	0.9775	1.3584	50'
20'	0.2153	0.2136	4.6817	0.2186	4.5736	1.0236	0.9769	1.3555	40'
30'	0.2182	0.2164	4.6202	0.2217	4.5107	1.0243	0.9763	1.3526	30'
40'	0.2211	0.2193	4.5604	0.2247	4.4494	1.0249	0.9757	1.3497	20'
50'	0.2240	0.2221	4.5022	0.2278	4.3897	1.0256	0.9750	1.3468	10'
13°00'	0.2269	0.2250	4.4454	0.2309	4.3315	1.0263	0.9744	1.3439	77°00'
10'	0.2298	0.2278	4.3901	0.2339	4.2747	1.0270	0.9737	1.3410	50'
20'	0.2327	0.2306	4.3362	0.2370	4.2193	1.0277	0.9730	1.3381	40'
30'	0.2356	0.2334	4.2837	0.2401	4.1653	1.0284	0.9724	1.3352	30'
40'	0.2385	0.2363	4.2324	0.2432	4.1126	1.0291	0.9717	1.3323	20'
50'	0.2414	0.2391	4.1824	0.2462	4.0611	1.0299	0.9710	1.3294	10'
14°00'	0.2443	0.2419	4.1336	0.2493	4.0108	1.0306	0.9703	1.3265	76°00'
10'	0.2473	0.2447	4.0859	0.2524	3.9617	1.0314	0.9696	1.3235	50'
20'	0.2502	0.2476	4.0394	0.2555	3.9136	1.0321	0.9689	1.3206	40'
30'	0.2531	0.2504	3.9939	0.2586	3.8667	1.0329	0.9681	1.3177	30'
40'	0.2560	0.2532	3.9495	0.2617	3.8208	1.0337	0.9674	1.3148	20'
50'	0.2589	0.2560	3.9061	0.2648	3.7760	1.0345	0.9667	1.3119	10'
15°00'	0.2618	0.2588	3.8637	0.2679	3.7321	1.0353	0.9659	1.3090	75°00'
10'	0.2647	0.2616	3.8222	0.2711	3.6891	1.0361	0.9652	1.3061	50'
20'	0.2676	0.2644	3.7817	0.2742	3.6470	1.0369	0.9644	1.3032	40'
30'	0.2705	0.2672	3.7420	0.2773	3.6059	1.0377	0.9636	1.3003	30'
40'	0.2734	0.2700	3.7032	0.2805	3.5656	1.0386	0.9628	1.2974	20'
50'	0.2763	0.2728	3.6652	0.2836	3.5261	1.0394	0.9621	1.2945	10'
16°00'	0.2793	0.2756	3.6280	0.2867	3.4874	1.0403	0.9613	1.2915	74°00'
10'	0.2822	0.2784	3.5915	0.2899	3.4495	1.0412	0.9605	1.2886	50'
20'	0.2851	0.2812	3.5559	0.2931	3.4124	1.0421	0.9596	1.2857	40'
30'	0.2880	0.2840	3.5209	0.2962	3.3759	1.0429	0.9588	1.2828	30'
40'	0.2909	0.2868	3.4867	0.2994	3.3402	1.0439	0.9580	1.2799	20'
50'	0.2938	0.2896	3.4532	0.3026	3.3052	1.0448	0.9572	1.2770	10'
17°00'	0.2967	0.2924	3.4203	0.3057	3.2709	1.0457	0.9563	1.2741	73°00'
10'	0.2996	0.2952	3.3881	0.3089	3.2371	1.0466	0.9555	1.2712	50'
20'	0.3025	0.2979	3.3565	0.3121	3.2041	1.0476	0.9546	1.2683	40'
30'	0.3054	0.3007	3.3255	0.3153	3.1716	1.0485	0.9537	1.2654	30'
40'	0.3083	0.3035	3.2951	0.3185	3.1397	1.0495	0.9528	1.2625	20'
50'	0.3113	0.3062	3.2653	0.3217	3.1084	1.0505	0.9520	1.2595	10'
18°00'	0.3142	0.3090	3.2361	0.3249	3.0777	1.0515	0.9511	1.2566	72°00'
		cos θ	sec θ	cot θ	tan θ	cosec θ	sin θ	Radians	Degrees
								Angle θ	

LIVEWORKSHEETS

Angle θ									
Degrees	Radians	sin θ	cosec θ	tan θ	cot θ	sec θ	cos θ		
18°00'	0.3142	0.3090	3.2361	0.3249	3.0777	1.0515	0.9511	1.2566	72°00'
10'	0.3171	0.3118	3.2074	0.3281	3.0475	1.0525	0.9502	1.2537	50'
20'	0.3200	0.3145	3.1792	0.3314	3.0178	1.0535	0.9492	1.2508	40'
30'	0.3229	0.3173	3.1515	0.3346	2.9887	1.0545	0.9483	1.2479	30'
40'	0.3258	0.3201	3.1244	0.3378	2.9600	1.0555	0.9474	1.2450	20'
50'	0.3287	0.3228	3.0977	0.3411	2.9319	1.0566	0.9465	1.2421	10'
19°00'	0.3316	0.3256	3.0716	0.3443	2.9042	1.0576	0.9455	1.2392	71°00'
10'	0.3345	0.3283	3.0458	0.3476	2.8770	1.0587	0.9446	1.2363	50'
20'	0.3374	0.3311	3.0206	0.3508	2.8502	1.0598	0.9436	1.2334	40'
30'	0.3403	0.3338	2.9957	0.3541	2.8239	1.0608	0.9426	1.2305	30'
40'	0.3432	0.3365	2.9713	0.3574	2.7980	1.0619	0.9417	1.2275	20'
50'	0.3462	0.3393	2.9474	0.3607	2.7725	1.0631	0.9407	1.2246	10'
20°00'	0.3491	0.3420	2.9238	0.3640	2.7475	1.0642	0.9397	1.2217	70°00'
10'	0.3520	0.3448	2.9006	0.3673	2.7228	1.0653	0.9387	1.2188	50'
20'	0.3549	0.3475	2.8779	0.3706	2.6985	1.0665	0.9377	1.2159	40'
30'	0.3578	0.3502	2.8555	0.3739	2.6746	1.0676	0.9367	1.2130	30'
40'	0.3607	0.3529	2.8334	0.3772	2.6511	1.0688	0.9356	1.2101	20'
50'	0.3636	0.3557	2.8117	0.3805	2.6279	1.0700	0.9346	1.2072	10'
21°00'	0.3665	0.3584	2.7904	0.3839	2.6051	1.0711	0.9336	1.2043	69°00'
10'	0.3694	0.3611	2.7695	0.3872	2.5826	1.0723	0.9325	1.2014	50'
20'	0.3723	0.3638	2.7488	0.3906	2.5605	1.0736	0.9315	1.1985	40'
30'	0.3752	0.3665	2.7285	0.3939	2.5386	1.0748	0.9304	1.1956	30'
40'	0.3782	0.3692	2.7085	0.3973	2.5172	1.0760	0.9293	1.1926	20'
50'	0.3811	0.3719	2.6888	0.4006	2.4960	1.0773	0.9283	1.1897	10'
22°00'	0.3840	0.3746	2.6695	0.4040	2.4751	1.0785	0.9272	1.1868	68°00'
10'	0.3869	0.3773	2.6504	0.4074	2.4545	1.0798	0.9261	1.1839	50'
20'	0.3898	0.3800	2.6316	0.4108	2.4342	1.0811	0.9250	1.1810	40'
30'	0.3927	0.3827	2.6131	0.4142	2.4142	1.0824	0.9239	1.1781	30'
40'	0.3956	0.3854	2.5949	0.4176	2.3945	1.0837	0.9228	1.1752	20'
50'	0.3985	0.3881	2.5770	0.4210	2.3750	1.0850	0.9216	1.1723	10'
23°00'	0.4014	0.3907	2.5593	0.4245	2.3559	1.0864	0.9205	1.1694	67°00'
10'	0.4043	0.3934	2.5419	0.4279	2.3369	1.0877	0.9194	1.1665	50'
20'	0.4072	0.3961	2.5247	0.4314	2.3183	1.0891	0.9182	1.1636	40'
30'	0.4102	0.3987	2.5078	0.4348	2.2998	1.0904	0.9171	1.1606	30'
40'	0.4131	0.4014	2.4912	0.4383	2.2817	1.0918	0.9159	1.1577	20'
50'	0.4160	0.4041	2.4748	0.4417	2.2637	1.0932	0.9147	1.1548	10'
24°00'	0.4189	0.4067	2.4586	0.4452	2.2460	1.0946	0.9135	1.1519	66°00'
10'	0.4218	0.4094	2.4426	0.4487	2.2286	1.0961	0.9124	1.1490	50'
20'	0.4247	0.4120	2.4269	0.4522	2.2113	1.0975	0.9112	1.1461	40'
30'	0.4276	0.4147	2.4114	0.4557	2.1943	1.0989	0.9100	1.1432	30'
40'	0.4305	0.4173	2.3961	0.4592	2.1775	1.1004	0.9088	1.1403	20'
50'	0.4334	0.4200	2.3811	0.4628	2.1609	1.1019	0.9075	1.1374	10'
25°00'	0.4363	0.4226	2.3662	0.4663	2.1445	1.1034	0.9063	1.1345	65°00'
10'	0.4392	0.4253	2.3515	0.4699	2.1283	1.1049	0.9051	1.1316	50'
20'	0.4422	0.4279	2.3371	0.4734	2.1123	1.1064	0.9038	1.1286	40'
30'	0.4451	0.4305	2.3228	0.4770	2.0965	1.1079	0.9026	1.1257	30'
40'	0.4480	0.4331	2.3088	0.4806	2.0809	1.1095	0.9013	1.1228	20'
50'	0.4509	0.4358	2.2949	0.4841	2.0655	1.1110	0.9001	1.1199	10'
26°00'	0.4538	0.4384	2.2812	0.4877	2.0503	1.1126	0.8988	1.1170	64°00'
10'	0.4567	0.4410	2.2677	0.4913	2.0353	1.1142	0.8975	1.1141	50'
20'	0.4596	0.4436	2.2543	0.4950	2.0204	1.1158	0.8962	1.1112	40'
30'	0.4625	0.4462	2.2412	0.4986	2.0057	1.1174	0.8949	1.1083	30'
40'	0.4654	0.4488	2.2282	0.5022	1.9912	1.1190	0.8936	1.1054	20'
50'	0.4683	0.4514	2.2153	0.5059	1.9768	1.1207	0.8923	1.1025	10'
27°00'	0.4712	0.4540	2.2027	0.5095	1.9626	1.1223	0.8910	1.0996	63°00'
		cos θ	sec θ	cot θ	tan θ	cosec θ	sin θ	Radians	Degrees
								Angle θ	

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Angle θ									
Degrees	Radians	sin θ	cosec θ	tan θ	cot θ	sec θ	cos θ		
27°00'	0.4712	0.4540	2.2027	0.5095	1.9626	1.1223	0.8910	1.0996	63°00'
10'	0.4741	0.4566	2.1902	0.5132	1.9486	1.1240	0.8897	1.0966	50'
20'	0.4771	0.4592	2.1779	0.5169	1.9347	1.1257	0.8884	1.0937	40'
30'	0.4800	0.4617	2.1657	0.5206	1.9210	1.1274	0.8870	1.0908	30'
40'	0.4829	0.4643	2.1537	0.5243	1.9074	1.1291	0.8857	1.0879	20'
50'	0.4858	0.4669	2.1418	0.5280	1.8940	1.1308	0.8843	1.0850	10'
28°00'	0.4887	0.4695	2.1301	0.5317	1.8807	1.1326	0.8829	1.0821	62°00'
10'	0.4916	0.4720	2.1185	0.5354	1.8676	1.1343	0.8816	1.0792	50'
20'	0.4945	0.4746	2.1070	0.5392	1.8546	1.1361	0.8802	1.0763	40'
30'	0.4974	0.4772	2.0957	0.5430	1.8418	1.1379	0.8788	1.0734	30'
40'	0.5003	0.4797	2.0846	0.5467	1.8291	1.1397	0.8774	1.0705	20'
50'	0.5032	0.4823	2.0736	0.5505	1.8165	1.1415	0.8760	1.0676	10'
29°00'	0.5061	0.4848	2.0627	0.5543	1.8040	1.1434	0.8746	1.0647	61°00'
10'	0.5091	0.4874	2.0519	0.5581	1.7917	1.1452	0.8732	1.0617	50'
20'	0.5120	0.4899	2.0413	0.5619	1.7796	1.1471	0.8718	1.0588	40'
30'	0.5149	0.4924	2.0308	0.5658	1.7675	1.1490	0.8704	1.0559	30'
40'	0.5178	0.4950	2.0204	0.5696	1.7556	1.1509	0.8689	1.0530	20'
50'	0.5207	0.4975	2.0101	0.5735	1.7437	1.1528	0.8675	1.0501	10'
30°00'	0.5236	0.5000	2.0000	0.5774	1.7321	1.1547	0.8660	1.0472	60°00'
10'	0.5265	0.5025	1.9900	0.5812	1.7205	1.1566	0.8646	1.0443	50'
20'	0.5294	0.5050	1.9801	0.5851	1.7090	1.1586	0.8631	1.0414	40'
30'	0.5323	0.5075	1.9703	0.5890	1.6977	1.1606	0.8616	1.0385	30'
40'	0.5352	0.5100	1.9606	0.5930	1.6864	1.1626	0.8601	1.0356	20'
50'	0.5381	0.5125	1.9511	0.5969	1.6753	1.1646	0.8587	1.0327	10'
31°00'	0.5411	0.5150	1.9416	0.6009	1.6643	1.1666	0.8572	1.0297	59°00'
10'	0.5440	0.5175	1.9323	0.6048	1.6534	1.1687	0.8557	1.0268	50'
20'	0.5469	0.5200	1.9230	0.6088	1.6426	1.1707	0.8542	1.0239	40'
30'	0.5498	0.5225	1.9139	0.6128	1.6319	1.1728	0.8526	1.0210	30'
40'	0.5527	0.5250	1.9048	0.6168	1.6212	1.1749	0.8511	1.0181	20'
50'	0.5556	0.5275	1.8959	0.6208	1.6107	1.1770	0.8496	1.0152	10'
32°00'	0.5585	0.5299	1.8871	0.6249	1.6003	1.1792	0.8480	1.0123	58°00'
10'	0.5614	0.5324	1.8783	0.6289	1.5900	1.1813	0.8465	1.0094	50'
20'	0.5643	0.5348	1.8697	0.6330	1.5798	1.1835	0.8450	1.0065	40'
30'	0.5672	0.5373	1.8612	0.6371	1.5697	1.1857	0.8434	1.0036	30'
40'	0.5701	0.5398	1.8527	0.6412	1.5597	1.1879	0.8418	1.0007	20'
50'	0.5730	0.5422	1.8443	0.6453	1.5497	1.1901	0.8403	0.9977	10'
33°00'	0.5760	0.5446	1.8361	0.6494	1.5399	1.1924	0.8387	0.9948	57°00'
10'	0.5789	0.5471	1.8279	0.6536	1.5301	1.1946	0.8371	0.9919	50'
20'	0.5818	0.5495	1.8198	0.6577	1.5204	1.1969	0.8355	0.9890	40'
30'	0.5847	0.5519	1.8118	0.6619	1.5108	1.1992	0.8339	0.9861	30'
40'	0.5876	0.5544	1.8039	0.6661	1.5013	1.2015	0.8323	0.9832	20'
50'	0.5905	0.5568	1.7960	0.6703	1.4919	1.2039	0.8307	0.9803	10'
34°00'	0.5934	0.5592	1.7883	0.6745	1.4826	1.2062	0.8290	0.9774	56°00'
10'	0.5963	0.5616	1.7806	0.6787	1.4733	1.2086	0.8274	0.9745	50'
20'	0.5992	0.5640	1.7730	0.6830	1.4641	1.2110	0.8258	0.9716	40'
30'	0.6021	0.5664	1.7655	0.6873	1.4550	1.2134	0.8241	0.9687	30'
40'	0.6050	0.5688	1.7581	0.6916	1.4460	1.2158	0.8225	0.9657	20'
50'	0.6080	0.5712	1.7507	0.6959	1.4370	1.2183	0.8208	0.9628	10'
35°00'	0.6109	0.5736	1.7434	0.7002	1.4281	1.2208	0.8192	0.9599	55°00'
10'	0.6138	0.5760	1.7362	0.7046	1.4193	1.2233	0.8175	0.9570	50'
20'	0.6167	0.5783	1.7291	0.7089	1.4106	1.2258	0.8158	0.9541	40'
30'	0.6196	0.5807	1.7221	0.7133	1.4019	1.2283	0.8141	0.9512	30'
40'	0.6225	0.5831	1.7151	0.7177	1.3934	1.2309	0.8124	0.9483	20'
50'	0.6254	0.5854	1.7081	0.7221	1.3848	1.2335	0.8107	0.9454	10'
36°00'	0.6283	0.5878	1.7013	0.7265	1.3764	1.2361	0.8090	0.9425	54°00'
		cos θ	sec θ	cot θ	tan θ	cosec θ	sin θ	Radians	Degrees
								Angle θ	

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Angle θ									
Degrees	Radians	sin θ	cosec θ	tan θ	cot θ	sec θ	cos θ		
36°00′	0.6283	0.5878	1.7013	0.7265	1.3764	1.2361	0.8090	0.9425	54°00′
10′	0.6312	0.5901	1.6945	0.7310	1.3680	1.2387	0.8073	0.9396	50′
20′	0.6341	0.5925	1.6878	0.7355	1.3597	1.2413	0.8056	0.9367	40′
30′	0.6370	0.5948	1.6812	0.7400	1.3514	1.2440	0.8039	0.9338	30′
40′	0.6400	0.5972	1.6746	0.7445	1.3432	1.2467	0.8021	0.9308	20′
50′	0.6429	0.5995	1.6681	0.7490	1.3351	1.2494	0.8004	0.9279	10′
37°00′	0.6458	0.6018	1.6616	0.7536	1.3270	1.2521	0.7986	0.9250	53°00′
10′	0.6487	0.6041	1.6553	0.7581	1.3190	1.2549	0.7969	0.9221	50′
20′	0.6516	0.6065	1.6489	0.7627	1.3111	1.2577	0.7951	0.9192	40′
30′	0.6545	0.6088	1.6427	0.7673	1.3032	1.2605	0.7934	0.9163	30′
40′	0.6574	0.6111	1.6365	0.7720	1.2954	1.2633	0.7916	0.9134	20′
50′	0.6603	0.6134	1.6303	0.7766	1.2876	1.2661	0.7898	0.9105	10′
38°00′	0.6632	0.6157	1.6243	0.7813	1.2799	1.2690	0.7880	0.9076	52°00′
10′	0.6661	0.6180	1.6183	0.7860	1.2723	1.2719	0.7862	0.9047	50′
20′	0.6690	0.6202	1.6123	0.7907	1.2647	1.2748	0.7844	0.9018	40′
30′	0.6720	0.6225	1.6064	0.7954	1.2572	1.2778	0.7826	0.8988	30′
40′	0.6749	0.6248	1.6005	0.8002	1.2497	1.2807	0.7808	0.8959	20′
50′	0.6778	0.6271	1.5948	0.8050	1.2423	1.2837	0.7790	0.8930	10′
39°00′	0.6807	0.6293	1.5890	0.8098	1.2349	1.2868	0.7771	0.8901	51°00′
10′	0.6836	0.6316	1.5833	0.8146	1.2276	1.2898	0.7753	0.8872	50′
20′	0.6865	0.6338	1.5777	0.8195	1.2203	1.2929	0.7735	0.8843	40′
30′	0.6894	0.6361	1.5721	0.8243	1.2131	1.2960	0.7716	0.8814	30′
40′	0.6923	0.6383	1.5666	0.8292	1.2059	1.2991	0.7698	0.8785	20′
50′	0.6952	0.6406	1.5611	0.8342	1.1988	1.3022	0.7679	0.8756	10′
40°00′	0.6981	0.6428	1.5557	0.8391	1.1918	1.3054	0.7660	0.8727	50°00′
10′	0.7010	0.6450	1.5504	0.8441	1.1847	1.3086	0.7642	0.8698	50′
20′	0.7039	0.6472	1.5450	0.8491	1.1778	1.3118	0.7623	0.8668	40′
30′	0.7069	0.6494	1.5398	0.8541	1.1708	1.3151	0.7604	0.8639	30′
40′	0.7098	0.6517	1.5345	0.8591	1.1640	1.3184	0.7585	0.8610	20′
50′	0.7127	0.6539	1.5294	0.8642	1.1571	1.3217	0.7566	0.8581	10′
41°00′	0.7156	0.6561	1.5243	0.8693	1.1504	1.3250	0.7547	0.8552	49°00′
10′	0.7185	0.6583	1.5192	0.8744	1.1436	1.3284	0.7528	0.8523	50′
20′	0.7214	0.6604	1.5141	0.8796	1.1369	1.3318	0.7509	0.8494	40′
30′	0.7243	0.6626	1.5092	0.8847	1.1303	1.3352	0.7490	0.8465	30′
40′	0.7272	0.6648	1.5042	0.8899	1.1237	1.3386	0.7470	0.8436	20′
50′	0.7301	0.6670	1.4993	0.8952	1.1171	1.3421	0.7451	0.8407	10′
42°00′	0.7330	0.6691	1.4945	0.9004	1.1106	1.3456	0.7431	0.8378	48°00′
10′	0.7359	0.6713	1.4897	0.9057	1.1041	1.3492	0.7412	0.8348	50′
20′	0.7389	0.6734	1.4849	0.9110	1.0977	1.3527	0.7392	0.8319	40′
30′	0.7418	0.6756	1.4802	0.9163	1.0913	1.3563	0.7373	0.8290	30′
40′	0.7447	0.6777	1.4755	0.9217	1.0850	1.3600	0.7353	0.8261	20′
50′	0.7476	0.6799	1.4709	0.9271	1.0786	1.3636	0.7333	0.8232	10′
43°00′	0.7505	0.6820	1.4663	0.9325	1.0724	1.3673	0.7314	0.8203	47°00′
10′	0.7534	0.6841	1.4617	0.9380	1.0661	1.3711	0.7294	0.8174	50′
20′	0.7563	0.6862	1.4572	0.9435	1.0599	1.3748	0.7274	0.8145	40′
30′	0.7592	0.6884	1.4527	0.9490	1.0538	1.3786	0.7254	0.8116	30′
40′	0.7621	0.6905	1.4483	0.9545	1.0477	1.3824	0.7234	0.8087	20′
50′	0.7650	0.6926	1.4439	0.9601	1.0416	1.3863	0.7214	0.8058	10′
44°00′	0.7679	0.6947	1.4396	0.9657	1.0355	1.3902	0.7193	0.8029	46°00′
10′	0.7709	0.6967	1.4352	0.9713	1.0295	1.3941	0.7173	0.7999	50′
20′	0.7738	0.6988	1.4310	0.9770	1.0235	1.3980	0.7153	0.7970	40′
30′	0.7767	0.7009	1.4267	0.9827	1.0176	1.4020	0.7133	0.7941	30′
40′	0.7796	0.7030	1.4225	0.9884	1.0117	1.4061	0.7112	0.7912	20′
50′	0.7825	0.7050	1.4183	0.9942	1.0058	1.4101	0.7092	0.7883	10′
45° 00′	0.7854	0.7071	1.4142	1.0000	1.0000	1.4142	0.7071	0.7854	45°00′
		cos θ	sec θ	cot θ	tan θ	cosec θ	sin θ	Radians	Degrees
								Angle θ	

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