

ชื่อจริง\_\_\_\_\_ ชื่อเล่น\_\_\_\_\_ เลขที่(ใหม่)\_\_\_\_\_

## เปิดตารางหาค่าตรีโกณฯ



$\sin 9^{\circ} 20'$

=



$\cot 38^{\circ} 30'$

=



$\operatorname{cosec} 0.5568$

=



$\cos 45^{\circ} 40'$

=



$\tan 68^{\circ} 10'$

=



$\sec 0.7883$

=

## ภาคผนวก

ตารางค่าฟังก์ชันตรีโกณมิติของมุมตั้งแต่ 0 - 90 องศา

| Angle $\theta$ |         |               |                               |               |               |                               |               |         |                |
|----------------|---------|---------------|-------------------------------|---------------|---------------|-------------------------------|---------------|---------|----------------|
| Degrees        | Radians | $\sin \theta$ | $\operatorname{cosec} \theta$ | $\tan \theta$ | $\cot \theta$ | $\sec \theta$                 | $\cos \theta$ |         |                |
| 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'         |
|                |         | $\cos \theta$ | $\sec \theta$                 | $\cot \theta$ | $\tan \theta$ | $\operatorname{cosec} \theta$ | $\sin \theta$ | Radians | Degrees        |
|                |         |               |                               |               |               |                               |               |         | Angle $\theta$ |



| Angle $\theta$ |         |              |                |              |              |                |              |         |                |
|----------------|---------|--------------|----------------|--------------|--------------|----------------|--------------|---------|----------------|
| Degrees        | Radians | sin $\theta$ | cosec $\theta$ | tan $\theta$ | cot $\theta$ | sec $\theta$   | cos $\theta$ |         |                |
| 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 $\theta$ | sec $\theta$   | cot $\theta$ | tan $\theta$ | cosec $\theta$ | sin $\theta$ | Radians | Degrees        |
|                |         |              |                |              |              |                |              |         | Angle $\theta$ |



| Angle $\theta$ |         |              |                |              |              |                |              |         |                |
|----------------|---------|--------------|----------------|--------------|--------------|----------------|--------------|---------|----------------|
| Degrees        | Radians | sin $\theta$ | cosec $\theta$ | tan $\theta$ | cot $\theta$ | sec $\theta$   | cos $\theta$ |         |                |
| 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 $\theta$ | sec $\theta$   | cot $\theta$ | tan $\theta$ | cosec $\theta$ | sin $\theta$ | Radians | Degrees        |
|                |         |              |                |              |              |                |              |         | Angle $\theta$ |



| Angle $\theta$ |         |              |                |              |              |                |              |         |                |  |
|----------------|---------|--------------|----------------|--------------|--------------|----------------|--------------|---------|----------------|--|
| Degrees        | Radians | sin $\theta$ | cosec $\theta$ | tan $\theta$ | cot $\theta$ | sec $\theta$   | cos $\theta$ |         |                |  |
| 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 $\theta$ | sec $\theta$   | cot $\theta$ | tan $\theta$ | cosec $\theta$ | sin $\theta$ | Radians | Degrees        |  |
|                |         |              |                |              |              |                |              |         | Angle $\theta$ |  |



| Angle $\theta$ |         |               |                               |               |               |                               |               |         |                |
|----------------|---------|---------------|-------------------------------|---------------|---------------|-------------------------------|---------------|---------|----------------|
| Degrees        | Radians | $\sin \theta$ | $\operatorname{cosec} \theta$ | $\tan \theta$ | $\cot \theta$ | $\sec \theta$                 | $\cos \theta$ |         |                |
| 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'         |
|                |         | $\cos \theta$ | $\sec \theta$                 | $\cot \theta$ | $\tan \theta$ | $\operatorname{cosec} \theta$ | $\sin \theta$ | Radians | Degrees        |
|                |         |               |                               |               |               |                               |               |         | Angle $\theta$ |