

Table 5 Trigonometric functions

| Degrees | Radians | Sin | Cos | Tan | Cot | | |
|---------|---------|--------|--------|--------|--------|--------|----|
| 0 | 0.0000 | 0.0000 | 1.0000 | 0.0000 | | 1.5708 | 90 |
| 1 | 0.0175 | 0.0175 | 0.9998 | 0.0175 | 57.290 | 1.5533 | 89 |
| 2 | 0.0349 | 0.0349 | 0.9994 | 0.0349 | 28.636 | 1.5359 | 88 |
| 3 | 0.0524 | 0.0523 | 0.9986 | 0.0524 | 19.081 | 1.5184 | 87 |
| 4 | 0.0698 | 0.0698 | 0.9976 | 0.0699 | 14.301 | 1.5010 | 86 |
| 5 | 0.0873 | 0.0872 | 0.9962 | 0.0875 | 11.430 | 1.4835 | 85 |
| 6 | 0.1047 | 0.1045 | 0.9945 | 0.1051 | 9.5144 | 1.4661 | 84 |
| 7 | 0.1222 | 0.1219 | 0.9925 | 0.1228 | 8.1443 | 1.4486 | 83 |
| 8 | 0.1396 | 0.1392 | 0.9903 | 0.1405 | 7.1154 | 1.4312 | 82 |
| 9 | 0.1571 | 0.1564 | 0.9877 | 0.1584 | 6.3138 | 1.4137 | 81 |
| 10 | 0.1745 | 0.1736 | 0.9848 | 0.1763 | 5.6713 | 1.3963 | 80 |
| 11 | 0.1920 | 0.1908 | 0.9816 | 0.1944 | 5.1446 | 1.3788 | 79 |
| 12 | 0.2094 | 0.2079 | 0.9781 | 0.2126 | 4.7046 | 1.3614 | 78 |
| 13 | 0.2269 | 0.2250 | 0.9744 | 0.2309 | 4.3315 | 1.3439 | 77 |
| 14 | 0.2443 | 0.2419 | 0.9703 | 0.2493 | 4.0108 | 1.3265 | 76 |
| 15 | 0.2618 | 0.2588 | 0.9659 | 0.2679 | 3.7321 | 1.3090 | 75 |
| 16 | 0.2793 | 0.2756 | 0.9613 | 0.2867 | 3.4874 | 1.2915 | 74 |
| 17 | 0.2967 | 0.2924 | 0.9563 | 0.3057 | 3.2709 | 1.2741 | 73 |
| 18 | 0.3142 | 0.3090 | 0.9511 | 0.3249 | 3.0777 | 1.2566 | 72 |
| 19 | 0.3316 | 0.3256 | 0.9455 | 0.3443 | 2.9042 | 1.2392 | 71 |
| 20 | 0.3491 | 0.3420 | 0.9397 | 0.3640 | 2.7475 | 1.2217 | 70 |
| 21 | 0.3665 | 0.3584 | 0.9336 | 0.3839 | 2.6051 | 1.2043 | 69 |
| 22 | 0.3840 | 0.3746 | 0.9272 | 0.4040 | 2.4751 | 1.1868 | 68 |
| 23 | 0.4014 | 0.3907 | 0.9205 | 0.4245 | 2.3559 | 1.1694 | 67 |
| 24 | 0.4189 | 0.4067 | 0.9135 | 0.4452 | 2.2460 | 1.1519 | 66 |
| 25 | 0.4363 | 0.4226 | 0.9063 | 0.4663 | 2.1445 | 1.1345 | 65 |
| 26 | 0.4538 | 0.4384 | 0.8988 | 0.4877 | 2.0503 | 1.1170 | 64 |
| 27 | 0.4712 | 0.4540 | 0.8910 | 0.5095 | 1.9626 | 1.0996 | 63 |
| 28 | 0.4887 | 0.4695 | 0.8829 | 0.5317 | 1.8807 | 1.0821 | 62 |
| 29 | 0.5061 | 0.4848 | 0.8746 | 0.5543 | 1.8040 | 1.0647 | 61 |
| 30 | 0.5236 | 0.5000 | 0.8660 | 0.5774 | 1.7321 | 1.0472 | 60 |
| 31 | 0.5411 | 0.5150 | 0.8572 | 0.6009 | 1.6643 | 1.0297 | 59 |
| 32 | 0.5585 | 0.5299 | 0.8480 | 0.6249 | 1.6003 | 1.0123 | 58 |
| 33 | 0.5760 | 0.5446 | 0.8387 | 0.6494 | 1.5399 | 0.9948 | 57 |
| 34 | 0.5934 | 0.5592 | 0.8290 | 0.6745 | 1.4826 | 0.9774 | 56 |
| 35 | 0.6109 | 0.5736 | 0.8192 | 0.7002 | 1.4281 | 0.9599 | 55 |
| 36 | 0.6283 | 0.5878 | 0.8090 | 0.7265 | 1.3764 | 0.9425 | 54 |
| 37 | 0.6458 | 0.6018 | 0.7986 | 0.7536 | 1.3270 | 0.9250 | 53 |
| 38 | 0.6632 | 0.6157 | 0.7880 | 0.7813 | 1.2799 | 0.9076 | 52 |
| 39 | 0.6807 | 0.6293 | 0.7771 | 0.8098 | 1.2349 | 0.8901 | 51 |
| 40 | 0.6981 | 0.6428 | 0.7660 | 0.8391 | 1.1918 | 0.8727 | 50 |
| 41 | 0.7156 | 0.6561 | 0.7547 | 0.8693 | 1.1504 | 0.8552 | 49 |
| 42 | 0.7330 | 0.6691 | 0.7431 | 0.9004 | 1.1106 | 0.8378 | 48 |
| 43 | 0.7505 | 0.6820 | 0.7314 | 0.9325 | 1.0724 | 0.8203 | 47 |
| 44 | 0.7679 | 0.6947 | 0.7193 | 0.9657 | 1.0355 | 0.8029 | 46 |
| 45 | 0.7854 | 0.7071 | 0.7071 | 1.0000 | 1.0000 | 0.7854 | 45 |

Cos Sin Cot Tan Radians Degrees