|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Trig Table for Angles 0 to 90 Degrees** | | | | | | | |
| **Angle** | **Sine** | **Cosine** | **Tangent** | **Secant** | **Cosecant** | **Cotangent** | **Angle** |
| [0](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | 0.000000 | 1.000000 | 0.000000 | 1.00000 0 | Undefined | Undefined | 0 |
| 1 | 0.017452 | 0.999848 | 0.017455 | 1.000152 | 57.2987 | 57.2900 | 1 |
| 2 | 0.034899 | 0.999391 | 0.034921 | 1.000610 | 28.6537 | 28.6363 | 2 |
| 3 | 0.052336 | 0.998630 | 0.052408 | 1.001372 | 19.1073 | 19.0811 | 3 |
| 4 | 0.069756 | 0.997564 | 0.069927 | 1.002442 | 14.3356 | 14.3007 | 4 |
| 5 | 0.087156 | 0.996195 | 0.087489 | 1.003820 | 11.4737 | 11.4301 | 5 |
| 6 | 0.104528 | 0.994522 | 0.105104 | 1.005508 | 9.566772 | 9.514364 | 6 |
| 7 | 0.121869 | 0.992546 | 0.122785 | 1.007510 | 8.205509 | 8.144346 | 7 |
| 8 | 0.139173 | 0.990268 | 0.140541 | 1.009828 | 7.185297 | 7.115370 | 8 |
| 9 | 0.156434 | 0.987688 | 0.158384 | 1.012465 | 6.392453 | 6.313752 | 9 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Angle** | **Sine** | **Cosine** | **Tangent** | **Secant** | **Cosecant** | **Cotangent** | **Angle** |
| [10](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | 0.173648 | 0.984808 | 0.176327 | 1.015427 | 5.758770 | 5.671282 | 10 |
| 11 | 0.190809 | 0.981627 | 0.194380 | 1.018717 | 5.240843 | 5.144554 | 11 |
| 12 | 0.207912 | 0.978148 | 0.212557 | 1.022341 | 4.809734 | 4.704630 | 12 |
| 13 | 0.224951 | 0.974370 | 0.230868 | 1.026304 | 4.445411 | 4.331476 | 13 |
| 14 | 0.241922 | 0.970296 | 0.249328 | 1.030614 | 4.133565 | 4.010781 | 14 |
| 15 | 0.258819 | 0.965926 | 0.267949 | 1.035276 | 3.863703 | 3.732051 | 15 |
| 16 | 0.275637 | 0.961262 | 0.286745 | 1.040299 | 3.627955 | 3.487414 | 16 |
| 17 | 0.292372 | 0.956305 | 0.305731 | 1.045692 | 3.420304 | 3.270853 | 17 |
| 18 | 0.309017 | 0.951057 | 0.324920 | 1.051462 | 3.236068 | 3.077684 | 18 |
| 19 | 0.325568 | 0.945519 | 0.344328 | 1.057621 | 3.071553 | 2.904211 | 19 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Angle** | **Sine** | | **Cosine** | | **Tangent** | | **Secant** | | **Cosecant** | | **Cotangent** | | **Angle** | |
| [20](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | 0.342020 | | 0.939693 | | 0.363970 | | 1.064178 | | 2.923804 | | 2.747477 | | 20 | |
| 21 | 0.358368 | | 0.933580 | | 0.383864 | | 1.071145 | | 2.790428 | | 2.605089 | | 21 | |
| 22 | 0.374607 | | 0.927184 | | 0.404026 | | 1.078535 | | 2.669467 | | 2.475087 | | 22 | |
| 23 | 0.390731 | | 0.920505 | | 0.424475 | | 1.086360 | | 2.559305 | | 2.355852 | | 23 | |
| 24 | 0.406737 | | 0.913545 | | 0.445229 | | 1.094636 | | 2.458593 | | 2.246037 | | 24 | |
| 25 | 0.422618 | | 0.906308 | | 0.466308 | | 1.103378 | | 2.366202 | | 2.144507 | | 25 | |
| 26 | 0.438371 | | 0.898794 | | 0.487733 | | 1.112602 | | 2.281172 | | 2.050304 | | 26 | |
| 27 | 0.453990 | | 0.891007 | | 0.509525 | | 1.122326 | | 2.202689 | | 1.962611 | | 27 | |
| 28 | 0.469472 | | 0.882948 | | 0.531709 | | 1.132570 | | 2.130054 | | 1.880726 | | 28 | |
| 29 | 0.484810 | | 0.874620 | | 0.554309 | | 1.143354 | | 2.062665 | | 1.804048 | | 29 | |
| **Angle** | | **Sine** | | **Cosine** | | **Tangent** | | **Secant** | | **Cosecant** | | **Cotangent** | | **Angle** | |
| [30](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | | 0.500000 | | 0.866025 | | 0.577350 | | 1.154701 | | 2.000000 | | 1.732051 | | 30 | |
| 31 | | 0.515038 | | 0.857167 | | 0.600861 | | 1.166633 | | 1.941604 | | 1.664279 | | 31 | |
| 32 | | 0.529919 | | 0.848048 | | 0.624869 | | 1.179178 | | 1.887080 | | 1.600335 | | 32 | |
| 33 | | 0.544639 | | 0.838671 | | 0.649408 | | 1.192363 | | 1.836078 | | 1.539865 | | 33 | |
| 34 | | 0.559193 | | 0.829038 | | 0.674509 | | 1.206218 | | 1.788292 | | 1.482561 | | 34 | |
| 35 | | 0.573576 | | 0.819152 | | 0.700208 | | 1.220775 | | 1.743447 | | 1.428148 | | 35 | |
| 36 | | 0.587785 | | 0.809017 | | 0.726543 | | 1.236068 | | 1.701302 | | 1.376382 | | 36 | |
| 37 | | 0.601815 | | 0.798636 | | 0.753554 | | 1.252136 | | 1.661640 | | 1.327045 | | 37 | |
| 38 | | 0.615661 | | 0.788011 | | 0.781286 | | 1.269018 | | 1.624269 | | 1.279942 | | 38 | |
| 39 | | 0.629320 | | 0.777146 | | 0.809784 | | 1.286760 | | 1.589016 | | 1.234897 | | 39 | |
| Angle | | Sine | | Cosine | | Tangent | | Secant | | Cosecant | | Cotangent | | Angle | |
| [40](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | | 0.642788 | | 0.766044 | | 0.839100 | | 1.305407 | | 1.555724 | | 1.191754 | | 40 | |
| 41 | | 0.656059 | | 0.754710 | | 0.869287 | | 1.325013 | | 1.524253 | | 1.150368 | | 41 | |
| 42 | | 0.669131 | | 0.743145 | | 0.900404 | | 1.345633 | | 1.494477 | | 1.110613 | | 42 | |
| 43 | | 0.681998 | | 0.731354 | | 0.932515 | | 1.367327 | | 1.466279 | | 1.072369 | | 43 | |
| 44 | | 0.694658 | | 0.719340 | | 0.965689 | | 1.390164 | | 1.439557 | | 1.035530 | | 44 | |
| 45 | | 0.707107 | | 0.707107 | | 1.000000 | | 1.414214 | | 1.414214 | | 1.000000 | | 45 | |
| 46 | | 0.719340 | | 0.694658 | | 1.035530 | | 1.439557 | | 1.390164 | | 0.965689 | | 46 | |
| 47 | | 0.731354 | | 0.681998 | | 1.072369 | | 1.466279 | | 1.367327 | | 0.932515 | | 47 | |
| 48 | | 0.743145 | | 0.669131 | | 1.110613 | | 1.494477 | | 1.345633 | | 0.900404 | | 48 | |
| 49 | | 0.754710 | | 0.656059 | | 1.150368 | | 1.524253 | | 1.325013 | | 0.869287 | | 49 | |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Angle** | **Sine** | **Cosine** | **Tangent** | **Secant** | **Cosecant** | **Cotangent** | **Angle** |
| [50](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | 0.766044 | 0.642788 | 1.191754 | 1.555724 | 1.305407 | 0.839100 | 50 |
| 51 | 0.777146 | 0.629320 | 1.234897 | 1.589016 | 1.286760 | 0.809784 | 51 |
| 52 | 0.788011 | 0.615661 | 1.279942 | 1.624269 | 1.269018 | 0.781286 | 52 |
| 53 | 0.798636 | 0.601815 | 1.327045 | 1.661640 | 1.252136 | 0.753554 | 53 |
| 54 | 0.809017 | 0.587785 | 1.376382 | 1.701302 | 1.236068 | 0.726543 | 54 |
| 55 | 0.819152 | 0.573576 | 1.428148 | 1.743447 | 1.220775 | 0.700208 | 55 |
| 56 | 0.829038 | 0.559193 | 1.482561 | 1.788292 | 1.206218 | 0.674509 | 56 |
| 57 | 0.838671 | 0.544639 | 1.539865 | 1.836078 | 1.192363 | 0.649408 | 57 |
| 58 | 0.848048 | 0.529919 | 1.600335 | 1.887080 | 1.179178 | 0.624869 | 58 |
| 59 | 0.857167 | 0.515038 | 1.664279 | 1.941604 | 1.166633 | 0.600861 | 59 |
| Angle | Sine | Cosine | Tangent | Secant | Cosecant | Cotangent | Angle |
| [60](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | 0.866025 | 0.500000 | 1.732051 | 2.000000 | 1.154701 | 0.577350 | 60 |
| 61 | 0.874620 | 0.484810 | 1.804048 | 2.062665 | 1.143354 | 0.554309 | 61 |
| 62 | 0.882948 | 0.469472 | 1.880726 | 2.130054 | 1.132570 | 0.531709 | 62 |
| 63 | 0.891007 | 0.453990 | 1.962611 | 2.202689 | 1.122326 | 0.509525 | 63 |
| 64 | 0.898794 | 0.438371 | 2.050304 | 2.281172 | 1.112602 | 0.487733 | 64 |
| 65 | 0.906308 | 0.422618 | 2.144507 | 2.366202 | 1.103378 | 0.466308 | 65 |
| 66 | 0.913545 | 0.406737 | 2.246037 | 2.458593 | 1.094636 | 0.445229 | 66 |
| 67 | 0.920505 | 0.390731 | 2.355852 | 2.559305 | 1.086360 | 0.424475 | 67 |
| 68 | 0.927184 | 0.374607 | 2.475087 | 2.669467 | 1.078535 | 0.404026 | 68 |
| 69 | 0.933580 | 0.358368 | 2.605089 | 2.790428 | 1.071145 | 0.383864 | 69 |
| Angle | Sine | Cosine | Tangent | Secant | Cosecant | Cotangent | Angle |
| [70](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | 0.939693 | 0.342020 | 2.747477 | 2.923804 | 1.064178 | 0.363970 | 70 |
| 71 | 0.945519 | 0.325568 | 2.904211 | 3.071553 | 1.057621 | 0.344328 | 71 |
| 72 | 0.951057 | 0.309017 | 3.077684 | 3.236068 | 1.051462 | 0.324920 | 72 |
| 73 | 0.956305 | 0.292372 | 3.270853 | 3.420304 | 1.045692 | 0.305731 | 73 |
| 74 | 0.961262 | 0.275637 | 3.487414 | 3.627955 | 1.040299 | 0.286745 | 74 |
| 75 | 0.965926 | 0.258819 | 3.732051 | 3.863703 | 1.035276 | 0.267949 | 75 |
| 76 | 0.970296 | 0.241922 | 4.010781 | 4.133565 | 1.030614 | 0.249328 | 76 |
| 77 | 0.974370 | 0.224951 | 4.331476 | 4.445411 | 1.026304 | 0.230868 | 77 |
| 78 | 0.978148 | 0.207912 | 4.704630 | 4.809734 | 1.022341 | 0.212557 | 78 |
| 79 | 0.981627 | 0.190809 | 5.144554 | 5.240843 | 1.018717 | 0.194380 | 79 |
| Angle | Sine | Cosine | Tangent | Secant | Cosecant | Cotangent | Angle |
| [80](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | 0.984808 | 0.173648 | 5.671282 | 5.758770 | 1.015427 | 0.176327 | 80 |
| 81 | 0.987688 | 0.156434 | 6.313752 | 6.392453 | 1.012465 | 0.158384 | 81 |
| 82 | 0.990268 | 0.139173 | 7.115370 | 7.185297 | 1.009828 | 0.140541 | 82 |
| 83 | 0.992546 | 0.121869 | 8.144346 | 8.205509 | 1.007510 | 0.122785 | 83 |
| 84 | 0.994522 | 0.104528 | 9.514364 | 9.566772 | 1.005508 | 0.105104 | 84 |
| 85 | 0.996195 | 0.087156 | 11.4301 | 11.4737 | 1.003820 | 0.087489 | 85 |
| 86 | 0.997564 | 0.069756 | 14.3007 | 14.3356 | 1.002442 | 0.069927 | 86 |
| 87 | 0.998630 | 0.052336 | 19.0811 | 19.1073 | 1.001372 | 0.052408 | 87 |
| 88 | 0.999391 | 0.034899 | 28.6363 | 28.6537 | 1.000610 | 0.034921 | 88 |
| 89 | 0.999848 | 0.017452 | 57.2900 | 57.2987 | 1.000152 | 0.017455 | 89 |
| [90](http://www.industrialpress.com/ext/StaticPages/Handbook/TrigPages/mh_trig.asp#top) | 1.000000 | 0.000000 | Infinity | Infinity | 1.000000 | 0.000000 | 90 |