

Table : Trigonometric Functions

Use for angles  
between 0 and  
45 degrees.

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

Use for angles  
between 45 and  
90 degrees.

SOHCAHTOA