

log values	
NUMBER	LOG VALUES
1	0
2	0.301
3	0.4771
4	0.6020
5	0.6989
6	0.7781
7	0.845
8	0.903
9	0.9542
10	1

log values	
NUMBER	LOG VALUES
1	0

TRIGONOMETRIC IDENTITIES
$\sin^2x + \cos^2x = 1$
$1 + \tan^2x = \sec^2x$
$1 + \cot^2x = \operatorname{cosec}^2x$
$\sin(x+y) = \sin x \cos y + \cos x \sin y$
$\sin(x-y) = \sin x \cos y - \cos x \sin y$
$\cos(x+y) = \cos x \cos y - \sin x \sin y$
$\cos(x-y) = \cos x \cos y + \sin x \sin y$
$\tan(x+y) = \frac{\tan x + \tan y}{1 - \tan x \tan y}$
$\tan(x-y) = \frac{\tan x - \tan y}{1 + \tan x \tan y}$
$\cot(x+y) = \frac{\cot x \cot y - 1}{\cot x + \cot y}$
$\cot(x-y) = \frac{\cot x \cot y + 1}{\cot y - \cot x}$
$\operatorname{cosec}(x+y) = \frac{\operatorname{cosec} x \operatorname{cosec} y}{\cot x + \cot y}$
$\operatorname{cosec}(x-y) = \frac{\operatorname{cosec} x \operatorname{cosec} y}{\cot x - \cot y}$
$\sec(x+y) = \frac{\sec x \sec y}{1 - \tan x \tan y}$
$\sec(x-y) = \frac{\sec x \sec y}{1 + \tan x \tan y}$



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