

# TRIGONOMETRY MADE EASY - FUNCTIONALITY

## for the TiNspire CAS – [www.TiNspireApps.com](http://www.TiNspireApps.com)

### Trigonometry

Read: Intro, Rules, Definitions

Solve any Equation

Find values for  $\sin(x)$ ,  $\cos(x)$ , ..given  $x$

Quadrant Solver: SohCahToa

Angle Finder

Read: About Hyperbolics

### Identities

Trig Identity Checker

Read: Sum to Product Identities

Read: Product to Sum Identities

Read: Sum & Difference Identities

Read: Double & Half Angle Identities

### 90° Triangles

Read: Intro

Solve any 90° Triangle

### Non 90° Triangles

Read: 3 Laws

Solve any Triangle

SSS-Case

SAS-Case

SSA-Case

SAA-Case

Solve Triangle given 3 Vertices

### Circles

Read: Unit Circle: Angles & Coordinates

Read: Circle Properties & Formulas

Find Sector

Sector Solver

Arc Length Solver

Linear Speed <-> Angular Speed

### Functions

Read: Symmetry of Trig Functions

Read: Co-Angles & Co-Functions

Read: Period of Trig Functions

Read: Derivatives & Integrals of Trig Functions

## Convert

Polar <-> Cartesian (x,y)

Degree <-> Radian

Degree to Degree/Minutes/Seconds

Revolution to Degree/Radian

## Help & About

Help & Use of Keys

What to Input

About us

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