

Date / Time Menu

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #0070C0; color: white; padding: 5px; border-radius: 5px; width: 45%;"> Date A 02/15/2022 Tue </div> <div style="background-color: #C00000; color: white; padding: 5px; border-radius: 5px; width: 45%;"> $\Delta 360$ </div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #0070C0; color: white; padding: 5px; border-radius: 5px; width: 45%;"> Time A 12:25:36 </div> <div style="background-color: #C00000; color: white; padding: 5px; border-radius: 5px; width: 45%;"> \rightarrowHMS </div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #0070C0; color: white; padding: 5px; border-radius: 5px; width: 45%;"> Date B 12/31/2030 Tue </div> <div style="background-color: #C00000; color: white; padding: 5px; border-radius: 5px; width: 45%;"> $\Delta 365$ </div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #0070C0; color: white; padding: 5px; border-radius: 5px; width: 45%;"> Time B 18:14:56 </div> <div style="background-color: #C00000; color: white; padding: 5px; border-radius: 5px; width: 45%;"> \rightarrowHR </div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #0070C0; color: white; padding: 5px; border-radius: 5px; width: 45%;"> Δ Days 3,241 </div> <div style="background-color: #C00000; color: white; padding: 5px; border-radius: 5px; width: 45%;"> Today </div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #0070C0; color: white; padding: 5px; border-radius: 5px; width: 45%;"> ΔTime 5:49:20 </div> <div style="background-color: #C00000; color: white; padding: 5px; border-radius: 5px; width: 45%;"> Now </div> </div>

This menu allows to perform common date and time calculations in a convenient way with all the values at sight.

Date / Time Menu Actions	
[Date A]	Stores or calculates the Date A value (Date B - Δ Days).
[Date B]	Stores or calculates the Date B value (Date A + Δ Days).
[Δ Days]	Stores or calculates the days elapsed from 'Date A' to 'Date B'.
[$\Delta 360$]	Calculates the days elapsed from Date A to Date B with 360 days year.
[$\Delta 365$]	Calculates the days lapsed from Date A to Date B with 365 days year.
[TODAY]	Enters the current date in the calculator.
[Time A]	Stores or calculates the Time A value (Time B - Δ Time).
[Time B]	Stores or calculates the Time B value (Time A + Δ Time).
[ΔTime]	Stores or calculates the time elapsed from Time A to Time B.
[\rightarrowH.MS]	Convert the displayed number from decimal hours to HMS format.
[\rightarrowHR]	Convert the displayed number from HMS to decimal hours.
[NOW]	Enters the current time in the calculator.
If any other key is pressed before one of the Blue keys, the displayed number is stored in the corresponding variable. Otherwise, the variable is calculated.	

Example 1: N° of Days Between Dates (M.DY date format)

Find the number of days between April 20, 1949 and August 2, 1988.

Solution:

Keystrokes	Description
4.201949 [Date A]	Stores the initial date in Date A = "04/20/1949 Wed".
8.021988 [Date B]	Stores the final date in Date B = "08/02/1988 Tue".
[ΔDays]	Calculate the actual number of days. Result = 14,349
[Δ360]	Calculate 30/360 Year number of days. Result = 14,142
[Δ365]	Calculate 365 Year number of days. Result = 14,339

Example 2: Future Date (M.DY date format)

At what date will be the day 10,000 of the current millennium ?

Solution:

Keystrokes	Description
12.311999 [Date A]	Stores the last date of the previous millennium in Date A.
10000 [ΔDays]	Store the number of days to add in ΔDays.
[Date B]	Calculate the future date. Result = 5.182027 (May 18, 2027).

Example 3: Time Calculation

How much time has elapsed from 10:21:13 if now the time is 23:37:45?

Solution:

Keystrokes	Description
10.2113 [Time A]	Stores the initial time in Time A = "10:21:13"
23.3745 [Time B]	Stores the final time in Time B = "23:37:45"
[ΔTime]	Calculate the time difference. Result -> ΔT = 13:16:32 (13 hours, 16 minutes and 32 seconds)

Example 4: Decimal Hour to H:MM:SS format

How can you read 13.2756 decimal number as a time? and the time in 1 hour and 20 minutes more ?

Solution:

Keystrokes	Description
13.2756 [→H.MS]	Result -> 13.1632 (13 hours, 16 minutes and 32 seconds)
[→HR]	Convert to decimal hours. Result -> 13.2756
In RPN mode [ENTER] 1.20 [→HR] [+] In ALG or CHN mode [+] 1.20 [→HR] [=]	Decimal hours result -> 14.6089
[→H.MS]	Result -> 14.3632 (14 hours, 36 minutes and 32 seconds).