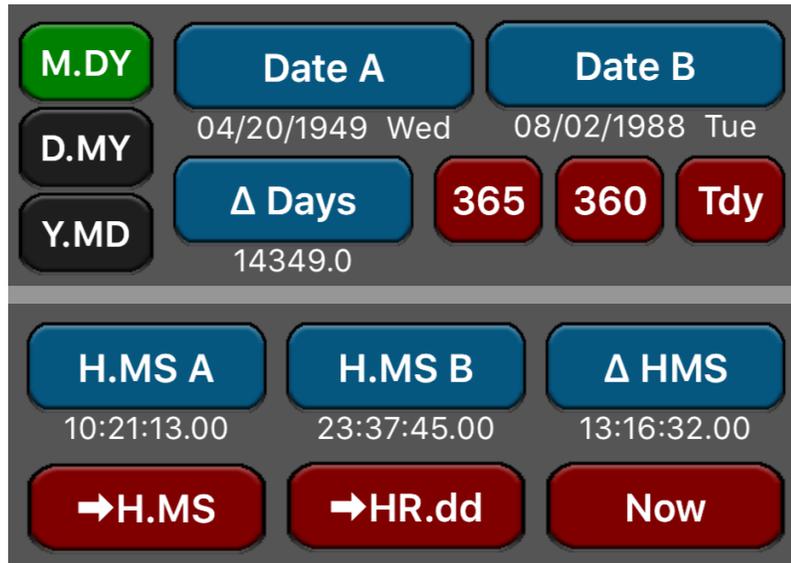# Date & Time Menu

This menu allows to perform time and date calculations. To show it, touch the "**OPT**" key and in the section "**5) Business:**", touch the "**DATE/TIME**" button.

Note: All dates are formatted in the current calculator's date format ("M.DY", "D.MY" or "Y.MD").

Date/Time Menu Buttons	
[M.DY] **[D.MY]** **[Y.MD]**	Set the Month-Day-Year format (MM.DDYYYY). Set the Day-Month-Year format (DD.MMYYYY). Set the Year-Month-Day format (YYYY.MMDD).
[Date A]	Stores or calculates the Date A value.
[Date B]	Stores or calculates the Date B value.
[ΔDays]	Stores or calculates the number of days lapsed from Date A to Date B using the Actual calendar.

Date/Time Menu Buttons	
[360]	Calculates the number of days elapsed from Date A to Date B using 30/360 calendar year.
[365]	Calculates the number of days lapsed from Date A to Date B using the 365 days year calendar.
[Tdy]	Enters the current date in the stack.
[H.MS A]	Stores or calculates the Time A value.
[H.MS B]	Stores or calculates the Time B value.
[ΔH.MS]	Stores or calculates the time elapsed from Time A to Time B.
[➡H.MS]	Convert the stack-X value from decimal hours to Hour-Minutes-Seconds format.
[➡HR.dd]	Convert the stack-X value from Hour-Minutes-Seconds to decimal hours.
[Now]	Enters the current time in the stack.

Example 1: Time Calculation
How much time has elapsed from 10:21:13 if now the time is 23:37:45?

Solution:

Keystrokes	Description
23.3745 **[Time B]**	Type the final time and stored it in Time B.
10.2113 **[Time A]**	Type the initial time and stored it in Time A.
[ΔTime]	Calculate the time difference. **Result = 13.1632** (13 hours, 16 minutes and 32 seconds)

Example 2: N° of Days Between Dates

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

Solution:

Keystrokes	Description
1949.0420 **[Date A]**	Type the first date and stored it in Date A.
1988.0802 **[Date B]**	Type the second date and stored it in Date B.
[ΔDays]	Calculate the actual number of days **= 14,349.00**
[360]	Calculate 30/360 Year number of days **= 14,142.00**
[365]	Calculate 365 Year number of days **= 14,339.00**

Example 3: Future Date

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

Solution:

Keystrokes	Description
1999.1231 **[Date A]**	Store the last day of previous millennium in Date A.
10000 **[ΔDays]**	Store the number of days in ΔDays.
[Date B]	Calculate the future date **= 2027.0518** (May 18,2027)

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 hrs., 16 min. and 32 secs.)
[➡HR.dd]	Convert back to decimal hours.
1.20 **[➡HR]**	Enter 1 hr.,20 min. in decimal hours **= 1.3333**
[+] [➡H.MS]	End the sum and show the **Result = 14.3632** (14 hours, 36 minutes and 32 seconds).