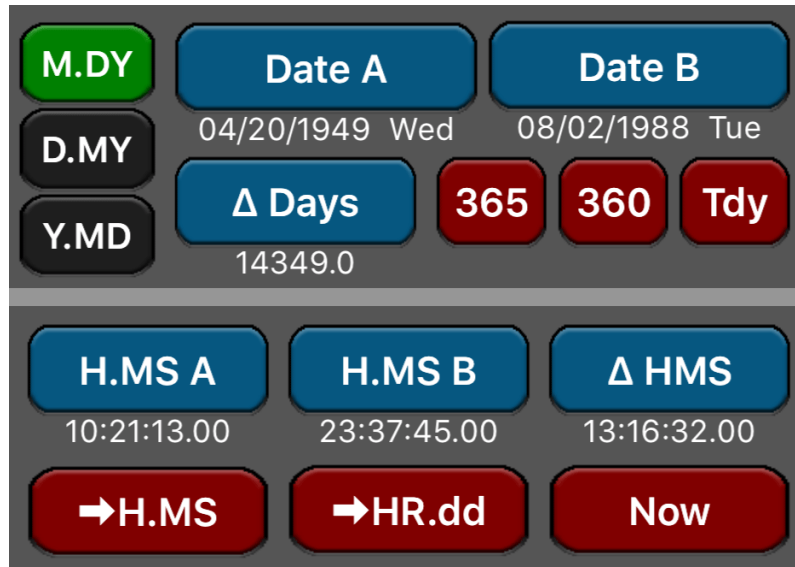


# Date & Time Menu

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.DDYYYYY). Set the Day-Month-Year format (DD.MMYYYYY). 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

<b>[360]</b>	Calculates the number of days elapsed from Date A to Date B using 30/360 calendar year.
<b>[365]</b>	Calculates the number of days lapsed from Date A to Date B using the 365 days year calendar.
<b>[Tdy]</b>	Enters the current date in the stack.
<b>[H.MS A]</b>	Stores or calculates the Time A value.
<b>[H.MS B]</b>	Stores or calculates the Time B value.
<b>[ΔH.MS]</b>	Stores or calculates the time elapsed from Time A to Time B.
<b>[→H.MS]</b>	Convert the stack-X value from decimal hours to Hour-Minutes-Seconds format.
<b>[→HR.dd]</b>	Convert the stack-X value from Hour-Minutes-Seconds to decimal hours.
<b>[Now]</b>	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 <b>[Time B]</b>	Type the final time and stored it in Time B.
10.2113 <b>[Time A]</b>	Type the initial time and stored it in Time A.
<b>[ΔTime]</b>	Calculate the time difference. <b>Result = 13.1632</b> (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 = <b>14,349.00</b>
[360]	Calculate 30/360 Year number of days = <b>14,142.00</b>
[365]	Calculate 365 Year number of days = <b>14,339.00</b>

## 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 = <b>2027.0518</b> (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]	<b>Result = 13.1632</b> (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 = <b>1.3333</b>
[ + ] [→H.MS]	End the sum and show the <b>Result = 14.3632</b> (14 hours, 36 minutes and 32 seconds).