Recalls the current time to the X-register (24-hour time format). If executed from the keyboard, also displays the time.

Stopwatch Mode Operation

Switches the calculator to Stopwatch mode and reassigns the keyboard to the following Stopwatch mode functions:

- Change Rnn or Dnn
- Clear Halted Stopwatch
- Exit Stopwatch Mode
- Next Rnn or Dnn
- Preceding Rnn or Dnn
- Record Split
- Start/Stop Stopwatch
- Register Pointer On/Off
- Split Difference On/Off
- Split Recall On/Off
- Three-Digit Pointer On/Off

Stopwatch Operation Out of Stopwatch Mode

The following four functions operate only when the calculator is not set to Stopwatch mode.

- RCLSW: Recalls the current Stopwatch time to the X-register.
- RUNSW: Causes the stopwatch to begin running.
- SETSW: Sets the stopwatch to the starting time in the X-register (−99.595999 ≤ t ≤ 99.595999).
- STOPSW: Halts the stopwatch.

Date Format Table

<table>
<thead>
<tr>
<th>Setting</th>
<th>Input* and Output Format (Fix 6 Display)</th>
<th>Display When Executed From Keyboard</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDY</td>
<td>MM/DDYYYY</td>
<td>MM/DD/YY day</td>
</tr>
<tr>
<td>DMY</td>
<td>DD.MMYYYY</td>
<td>DD.MM YY day</td>
</tr>
</tbody>
</table>

*Input must be a positive number. All trailing digits after the year must be zero; otherwise an error message will result.

Alarm Functions

Lists all pending and past-due clock alarms. Pressing [R/S] during an ALMCAT listing halts the calculator in ALMCAT mode and redefines the keyboard to the following nonprogrammable alarm catalog functions (the ALPHA key is not used):

- Delete alarm
- Display:
  - Alarm Date
  - Alarm Time
- Alarm Message, Label, or Function
  - Alarm Repeat Interval
  - Current Time
  - Next Alarm and Message, Label, or Function
- Preceding alarm and Message, Label, or Function
- Exit Alarm Catalog Mode
- Reset Alarm Using Specified Repeat Interval
- Resume ALMCAT Listing

While the HP 82182A Time Module is plugged into the calculator, the time module clock and stopwatch are available for your use. All of the clock and stopwatch functions are programmable except where noted otherwise.
Activates the oldest past-due program or function alarm in memory.

Sets an alarm using the parameters in the stack and ALPHA registers, as follows:

### Stack Parameters

<table>
<thead>
<tr>
<th>Z</th>
<th>Repeat Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Date</td>
</tr>
<tr>
<td>X</td>
<td>Time</td>
</tr>
</tbody>
</table>

Z-Register: 0 = No Repeat
Y-Register: 0 = Current Date

### ALPHA Parameter Options

- **Blank**
- **Message**
- **label or function**
- **label or function** = Interrupting Control Alarm
- **label or function** = Noninterrupting Control Alarm

(A "function" specified in any alarm must be a programmable function belonging to a plug-in device.)

### ALPHA Date and Time Functions

- **ADATE**: Appends the number in the X-register to the ALPHA register in date format. The number of digits varies according to the number of digits in the display setting.
- **ATIME**: Appends the number in the X-register to the ALPHA register in CLK12 or CLK24 time format. The number is truncated according to the number of digits in the display setting.
- **ATIME24**: Operates the same as ATIME, except that the number appended will always appear in the CLK24 time format.

### Clock Functions

- **CLK12**: Switches the calculator to the 12-hour time display format.
- **CLK24**: Switches the calculator to the 24-hour time display format.
- **CLKT**: Switches the clock to the time-only display format.
- **CLKTD**: Switches the clock to the time and date display format.
- **CLOCK**: Displays the clock.
- **T+X**: Changes the clock time by the time value in the X-register, according to the ±HHHH.MMSShh format. The date will change if the time change crosses a date boundary.
- **DATE**: Recalls the current date to the X-register. If executed from the keyboard, the date and day are displayed.
- **DATE+**: Calculates a new date by combining a date in the Y-register with a number of days in the X-register. Refer to the Date Format Table on the back page.
- **DATE-**: Calculates the number of days between a date in the X-register and a date in the Y-register. Refer to the Date Format Table on the back page.
- **DATE+**: Replaces a date in the X-register with the corresponding number for the day of the week (0 = Sunday; ... 6 = Saturday). When executed from the keyboard, DOW also displays the day of the week.
- **DATE+**: Switches the date input/output to Month-Day-Year format; clears flag 31. Refer to the Date Format Table on the back page.
- **DATE+**: Recalls the clock accuracy factor to the X-register.
- **DATE+**: Sets the clock accuracy factor using a number in the range —99.9 < x < 99.9.
- **DATE+**: Sets the clock date to the date specified in the X-register. Refer to the Date Format Table on the back page.
- **DATE+**: Sets the clock to the time in the X-register.
- **T+X**: Changes the clock time by the time value in the X-register, according to the ±HHHH.MMSShh format. The date will change if the time change crosses a date boundary.
- **DATE+**: Calculates the number of days between a date in the X-register and a date in the Y-register. Refer to the Date Format Table on the back page.