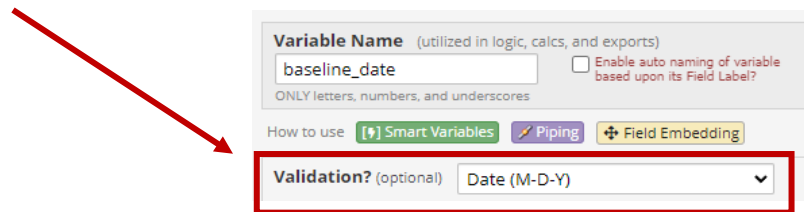


### How do I calculate a date?

The @CALCDATE action tag performs a date calculation by adding or subtracting a specified amount of time from a date or datetime field.

#### **Example #1: Adding days to a date field:**

1. Within the 'Designer' in the left navigation menu, ensure that the target field you will be using in your calculation is validated as a 'date' or 'datetime' field.



- a. Create a new 'text box' field type with 'date' or 'datetime' validation. Do not use the 'calculated field' type.

**Field Type:** Text Box (Short Text, Number, Date/Time, ...)

- b. In the Action Tag box, enter your calculation.

#### **Action Tags / Field Annotation** (optional)

```
@CALCDATE([baseline_date],7,'d')
```

For this example, we used a calculation that displays a date 7 days after the baseline date. For a subtraction (7 days before), use a negative number in the calculation.

**Pro Tip:** The variable you are referencing must be inside brackets and the units desired (e.g. 'y'=years, 'M'=months, 'd'=-days, 'h'=hours, 'm'=minutes, 's'=seconds) must be in quotes or apostrophes.

2. The date calculation will run in real-time once the target date field has been entered.

<b>Baseline Date</b>	<input type="text" value="02-06-2023"/> <input type="button" value="Today"/> <span style="float: right;">M-D-Y</span>
<b>Follow Up Date</b>	<input type="text" value="02-13-2023"/> <input type="button" value="View equation"/>

  
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**Example #2: Adding days to a date based on a condition.**

1. As in the above example, create a text field with date validation. In the Action Tag box, enter your calculation.

```
@CALCDATE([screen_dt],  
  if ([group]=1,7,  
  if ([group]=2,14,  
  '')), 'd')
```

In this example, we calculated a date based on the participant's group assignment. The visit date is either 7 days (group 1) or 14 days (group 2) after the screening date. If there is no group assignment, a date will not be calculated.

2. The date calculation will run in real-time once both [group] and [screen\_date] have been entered.

<b>Group</b>	<input type="radio"/> 1 <input checked="" type="radio"/> 2
<b>Screening date</b>	<input type="text" value="08-29-2025"/> <input type="button" value="Today"/> M-D-Y
<b>Visit date</b>	<input type="text" value="09-12-2025"/> <input type="button" value="View equation"/>

NOTE: It is tempting to use @IF in conjunction with @CALCDATE when conditional logic needs to be incorporated into a date calculation; however, these two action tags should not be used together. @CALCDATE (and @CALCTEXT) function in many contexts that @IF does not which can result in unpredictable results.