

# How can I calculate the number of minutes between two times in Google Sheets?

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## RECOMMENDED CITATION

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To calculate the number of minutes between two times in Google Sheets, you can use the formula `"=(end time - start time)*24*60"`. This will calculate the difference in hours and then convert it to minutes by multiplying it by 24 (the number of hours in a day) and 60 (the number of minutes in an hour). This formula can be helpful for tracking time differences and scheduling tasks efficiently.

## MINUTE

Returns the minute component of a specific time, in numeric format.

### Sample Usage

```
MINUTE ( TIME ( 11 , 40 , 59 ) )
```

```
MINUTE ( A2 )
```

```
MINUTE ( 40909.0004 )
```

```
MINUTE ( " 20 : 49 : 59 " )
```

### Syntax

```
MINUTE ( time )
```

`time` - The time from which to calculate the minute component. Must be a reference to a cell containing a date/time, a function returning a date/time type, or a number.

### Notes

Ensure that the input to the function is either a reference to a cell containing a date/time, a function which returns a date/time object such as `TIME`, or a date serial number of the type returned by the `N` function. Google Sheets represents dates and times as numbers; while conversion is automatic when a human-readable date is entered into a cell, functions only accept literal dates in numeric format.

`MINUTE` does not autoconvert number formats in the same way that Google Sheets does upon direct entry into cells. Therefore, `MINUTE ( 12 : 00 : 00 )` will return an error.

`MINUTE` returns the intuitive understanding of minutes, and is useful primarily in other calculations rather than to extract the minute component of a known time, as that value is easily known from a plain reading of the entire time.

Note that date objects that are created with the `DATE` function or by entry of a date without a time

component will have a time of 0:00:00.

## See Also

YEAR: Returns the year specified by a given date.

WEEKDAY: Returns a number representing the day of the week of the date provided.

TO\_DATE: Converts a provided number to a date.

TIME: Converts an hour, minute, and second into a time.

SECOND: Returns the second component of a specific time, in numeric format.

N: Returns the argument provided as a number.

MONTH: Returns the month of the year a specific date falls in, in numeric format.

HOURL: Returns the hour component of a specific time, in numeric format.

DAY: Returns the day of the month that a specific date falls on, in numeric format.

DATEVALUE: Converts a provided date string in a known format to a date value.

DATE: Converts a year, month, and day into a date.

## Examples

Returns the minute as an integer for the given time value.