#### DATEDIF

[Syntax](Syntax.docx):

DATEDIF ( start-date , end-date , unit )

Description: Calculates the number of days, months, or years between two dates.

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| start-date | number | The first date in the period, truncated to integer. |
| end-date | number | The last date in the period, truncated to integer. |
| unit | [text](text.docx) | The count to be returned, as follows:   |  |  | | --- | --- | | Value | Day Count Basis | | "Y" | The number of complete years in the period. | | "M" | The number of complete months in the period. | | "D" | The number of days in the period. | | "MD" | The difference between the days in start-date and end-date. The months and years of the dates are ignored. | | "YM" | The difference between the months in start-date and end-date. The days and years of the dates are ignored. | | "YD" | The difference between the days of start-date and end-date. The years of the dates are ignored. | |

Return Type and Value: number – The number of days, months, or years between two dates, depending on the value of unit.

However, if

* start-date or end-date is out of range for the current date base value, #NUM! is returned.
* start-date ≥ end-date #NUM! [is](is.docx) returned.
* unit is any value other than those shown in the [table](table.docx) above, #NUM! is returned.

[Example:  
  
DATEDIF(DATE(2001,1,1),DATE(2003,1,1),"Y") results in 2 complete years  
DATEDIF(DATE(2001,6,1),DATE(2002,8,15),"D") results in 440 days  
DATEDIF(DATE(2001,6,1),DATE(2002,8,15),"YD") results in 75 days  
DATEDIF(DATE(2001,6,1),DATE(2002,8,15),"MD") results in 14 days  
  
end example]