

IsLeapYear Function to determine if the given year is a Leap Year on the Gregorian (western) calendar

The following is an MMBasic function to indicate that the given year is a [leap year](#).

It simply returns a Boolean (actually an integer) of 1 if the year is leap or 0 if not.

Faster version eliminates decision making

Syntax:

=IsLeapYear(year)

Example Usage:

DaysInYear=365+IsLeapYear(year) If IsLeapYear(year) Then...

```
Function IsLeapYear(n As Integer) As Integer
    IsLeapYear=((n Mod 4=0) And (n Mod 100 <>0)) Or (n Mod 400=0)
End Function
```

See Also:

[IsDate](#) and [IsTime](#) functions

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