# TOTALINT

Updated: 31 Mar 2016

Use TOTALINT to calculate the total interest on a loan or lease.

## Syntax

```
Public Shared Function TOTALINT(
    ByVal Nper As Double,
    ByVal Pmt As Double,
    ByVal PV As Double,
    ByVal FV As Double,)
```

## Arguments

*Nper*

the number of periods in the loan or lease. *Nper* is an expression that returns a **Double**, or of a type that can be implicitly converted to **Double**.

*Pmt*

The payment amount of the loan or lease. *Pmt* is an expression that returns a **Double**, or of a type that can be implicitly converted to **Double**.

*PV*

The amount of the loan or lease. *PV* is an expression that returns a **Double**, or of a type that can be implicitly converted to **Double**.

*FV*

The residual amount of the loan or lease. *FV* is an expression that returns a **Double**, or of a type that can be implicitly converted to **Double**.

## Return Type

Double

## Remarks

- *Nper* must greater than 1
- TOTALINT expects, but does not require, that *PV*, *FV*, and *PMT* all have the same sign.

## See Also

- CUMIPMT - Cumulative interest paid on an annuity
- CUMLIPMT - Cumulative interest payments of a loan
- CUMLPPMT - Cumulative principal payments of a loan
- CUMPRINC - Cumulative principal paid on an annuity
- EFFECT - Effective annual interest rate
- IPMT - Interest portion of an annuity payment

- LIPMT - Interest portion of a loan payment
- LPMT - Periodic payment of a loan
- LPMTSCHED - Generate loan amortization with balloon payment and other parameters
- LPPMT - Principal portion of a loan payment
- LRATE - Interest rate for an annuity with an odd first period
- NUMPMTS - Total number of payments over the life of the loan
- PMT - Annuity periodic payment
- PMTSCHED - Payment schedule of a loan
- PPMT - Principal portion of an annuity payment
- TOTALINT - Total interest amount of a loan