

Function List

The following is an alphabetical list of spreadsheet functions with a detailed description of each function. Formulas are included to let you know how the function calculates the spreadsheet information.

DDB (Cost,Salvage,Life,Period)

Returns the depreciation amount using the double-declining balance method of calculating depreciation. The following formula is used:

This method accelerates the rate of depreciation so that more depreciation is written off in the early periods than in later periods.

NPV (List,Interest,Rate)

Calculates the net present value (the amount of money required now to produce a given cash flow in the future). The calculation is based on the specified interest rate. The following formula is used to calculate the NPV:

Each item in the list is the income required at the end of a period. The incomes must be listed in the order of the periods.

STDEV (List of Numbers)

Returns the standard deviation of a sample from the list of numbers. The following formula is used to calculate the standard deviation of a sample:

TERM (Rate,Present Value,Payment,Future Value,Type)

Returns the term (number of periods) for a loan, investment, etc., using the following formulas:

If $i \neq 0$,

If $i = 0$,