

How do I use the VDB function in Google Sheets?

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The VDB function in Google Sheets allows users to calculate the depreciation of an asset, based on a variable declining balance method. This function takes into account the initial cost, salvage value, and useful life of the asset, along with the period for which the depreciation needs to be calculated. By using this function, users can easily track the depreciation of their assets over time, and make informed financial decisions. To use the VDB function in Google Sheets, simply input the necessary parameters and the function will automatically calculate the depreciation value. This feature is especially useful for businesses and individuals who need to accurately track their assets and their corresponding depreciation.

VDB function

The VDB function returns the depreciation of an asset for a particular period (or partial period).

Parts of a VDB function

`VDB(cost, salvage, life, start_period, end_period, ,)`

Part	Description
<code>cost</code>	Initial cost of the asset.
<code>salvage</code>	Value of the asset at the end of depreciation (salvage value).
<code>life</code>	Number of periods of depreciation (useful life of the asset).
<code>start_period</code>	Starting period to calculate depreciation.
<code>end_period</code>	Ending period to calculate depreciation.
<code>factor</code>	- Rate of balance decline (the default is 2: the double-declining balance method).
<code>no_switch</code>	- Whether to switch to straight-line depreciation when the depreciation is greater than the declining balance calculation.

Examples

	A	B
1	Formula	Result
2	<code>=VDB(100, 10, 20, 10, 11, 2, TRUE)</code>	\$3.49
3	<code>=VDB(100, 33, 20, 10, 11, 2, FALSE)</code>	\$1.87

Related functions

DB: The DB function calculates the depreciation of an asset for a specified period using the arithmetic declining balance method.

DDB: The DDB function calculates the depreciation of an asset for a specified period using the double-declining balance method.

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