

How can I convert a number from Arabic to a different numeral system (such as Roman numerals) in Excel?

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Converting a number from Arabic to a different numeral system in Excel can be achieved by using the built-in "ROMAN" function. This function allows users to convert numbers to Roman numerals, as well as other numeral systems such as Greek and Hebrew. Simply enter the number into the function and specify the desired numeral system as the second argument. This will automatically convert the number and display it in the chosen numeral system. This feature in Excel is particularly useful for tasks such as data analysis and historical research where different numeral systems may be required.

This article describes the formula syntax and usage of the **ARABIC** function in Microsoft Excel.

Description

Converts a Roman numeral to an Arabic numeral.

Syntax

ARABIC(text)

The ARABIC function syntax has the following arguments.

Text Required. A string enclosed in quotation marks, an empty string (""), or a reference to a cell containing text.

Remarks

If Text is not a valid value, ARABIC returns the #VALUE! error value.

Values that return a #VALUE! error value include numbers, dates, and text that is not a valid Roman numeral.

If an empty string ("") is used as an input value, 0 is returned.

The maximum length of the argument is 255 characters. Therefore, the largest number that can be returned is 255,000.

The case of the text argument is ignored. For example, "mxmvii" evaluates to the same result (1997) as "MXMVII."

Although a negative Roman number is non-standard, evaluation of a negative Roman numeral is supported. Insert the negative sign before the Roman text, such as "-MMXI."

Leading and trailing spaces are ignored.

The ARABIC function performs the opposite action of the ROMAN function. See [ROMAN function](#) for more information.

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