

# “How can I write a function in excel that determines if a number is even or not?”

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The function in excel is a built-in tool that allows users to create their own customized formulas to perform specific tasks. In this case, the function would be used to determine whether a given number is even or not. By inputting the number into the function, it will return a logical value of either "TRUE" or "FALSE" depending on whether the number is divisible by 2 or not. This can be a useful feature for data analysis or for creating automated processes within an excel spreadsheet.

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

## Description

Returns number rounded up to the nearest even integer. You can use this function for processing items that come in twos. For example, a packing crate accepts rows of one or two items. The crate is full when the number of items, rounded up to the nearest two, matches the crate's capacity.

## Syntax

EVEN(number)

The EVEN function syntax has the following arguments:

**Number** Required. The value to round.

## Remarks

If number is nonnumeric, EVEN returns the #VALUE! error value.

Regardless of the sign of number, a value is rounded up when adjusted away from zero. If number is an even integer, no rounding occurs.