

? How do I use the COMBIN function in Google Sheets?

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The COMBIN function in Google Sheets is a mathematical formula that allows users to calculate the number of combinations for a given set of items. This function takes two arguments, the number of items to choose from and the number of items to choose. It then calculates and returns the total number of possible combinations. To use the COMBIN function, simply enter the formula along with the appropriate arguments into a cell in your Google Sheets spreadsheet. This can be useful for tasks such as determining the number of possible outcomes for a lottery, or for creating unique combinations in a data analysis project.

COMBIN

The COMBIN function returns the number of ways to choose some number of objects from a pool of a given size of objects.

Sample Usage

COMBIN(4, 2)

COMBIN(A2, B2)

Syntax

COMBIN(*n*, *k*)

n - The size of the pool of objects to choose from.

k - The number of objects to choose.

Notes

COMBIN is the standard combinatorics function typically notated nCk and read "n choose k". This is equivalent to $\text{FACT}(n) / (\text{FACT}(k) * \text{FACT}(n-k))$.

See Also

MULTINOMIAL: Returns the factorial of the sum of values divided by the product of the values' factorials.

FACTDOUBLE: Returns the "double factorial" of a number.

FACT: The FACT function returns the factorial of a number.

Examples

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