

How do I use the MULTINOMIAL function in Google Sheets?

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The MULTINOMIAL function in Google Sheets is a mathematical function that allows users to calculate the multinomial coefficient of a set of numbers. To use this function, the user must first select the cell where they want the result to appear and then type "=MULTINOMIAL(" followed by the numbers or cell references separated by commas. The function will then compute the multinomial coefficient and display the result in the selected cell. This function is useful for performing complex calculations involving multiple variables and can save time and effort for users working with large datasets.

MULTINOMIAL

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

Sample Usage

MULTINOMIAL(1, 2, 3)

MULTINOMIAL(A2:A9)

Syntax

MULTINOMIAL(value1,)

value1 - The first value or range to consider.

value2, ... - Additional values or ranges to consider.

Notes

Although MULTINOMIAL is specified as taking a maximum of 30 arguments, Google Sheets supports an arbitrary number of arguments for this function.

See Also

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

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

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

Examples

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