#### GEOMEAN

[Syntax](Syntax.docx):

GEOMEAN ( argument-list )

Description: Computes the geometric mean of an array or range of positive data.

Mathematical Formula:



Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| argument-list | logical, number, name, array, or [reference](reference.docx) to number. | The arguments in argument-list designate the values to be averaged. Logical values and text representations of numbers that entered directly into the list of arguments are included. If an array or [reference](reference.docx) argument contains text, logical values, or empty cells, those values are ignored; however, cells with the value 0 are included. |

Return Type and Value: number – The geometric mean of an array or range of positive data.

However, if the value of any data point ≤ 0, #NUM! is returned.

[Example:

GEOMEAN(10.5,5.3,2.9) results in 5.444454702
GEOMEAN(10.5,{5.3,2.9},"12") results in 6.633780588

end example]