#### HARMEAN

[Syntax](Syntax.docx):

HARMEAN ( argument-list )

Description: Computes the harmonic mean of a data set.

Mathematical Formula:



Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| argument-list | logical, text, number, name, array, or [reference](reference.docx) to number. | The arguments in argument-list designate the values to be averaged. Argument values can be numbers, or names, arrays, or [references](references.docx) that contain numbers. Logical values and text representations of numbers 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 harmonic mean of a data set.

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

[Example:

HARMEAN(4.6,5.8,8.3,7) results in 6.124222
HARMMEAN(10.5,{5.3,2.9},"12") results in 5.617360

end example]