#### IMABS

[Syntax](Syntax.docx):

IMABS ( complex-number )

Description: Computes the absolute value of complex-number.

Mathematical Formula:



where z = x + yi

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| complex-number | [text](text.docx) | The complex number for which the absolute value is being computed. complex-number shall be in x + yi or x + yj text format. |

Return Type and Value: number – The absolute value of complex-number.

However, if complex-number is ill-formed, #NUM! is returned.

[Example:

IMABS("3+4i") results in 5
IMABS("-2.5-34.6j") results in 34.69020035

end example]