#### IMPRODUCT

[Syntax](Syntax.docx):

IMPRODUCT ( argument-list )

Description: Multiplies the values of its complex number arguments.

Mathematical Formula:

Equation

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| argument-list | [text](text.docx) | Each argument in argument-list is a complex number string in x + yi or x + yj text format. |

Return Type and Value: text – A string containing the product of the values of its arguments, in x+yi or x+yj text format.

However, if any argument in argument-list is ill-formed, #NUM! is returned.

[Example:  
  
IMPRODUCT("13+4i") results in 13+4i  
IMPRODUCT("-3-3.5i","5+3i") results in -4.5-26.5i  
IMPRODUCT("1.3-2j","-3.4+3j","2.3-6j") results in 67.834+15.13j  
  
end example]