#### POWER

[Syntax](Syntax.docx):

POWER ( x , y )

Description: Computes x raised to the power y.

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| [x](x.docx) | number | The base and the number y is the exponent to which that base is raised. |
| y | number | The exponent to which the base is raised. |

Return Type and Value: number – x y.

However, if

* The value of x is negative and y is not a whole number, #NUM! is returned.
* x is zero and y is less than or equal to zero, #DIV/0! is returned.
* The result cannot be represented as a number, #NUM! is returned.

[Example:

POWER(2,3) results in 8
POWER(2,0.5) results in 1.414213562
POWER(-1.234,5.0) results in -2.861381721
POWER(1.234,5.1) results in 2.922182358

end example]