

Logarithm

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|--------------|---------------------------------|
| Block Group: | Math Operations |
| Icon: | log |

The Logarithm block calculates the logarithm of a number using a specified base.

For information on using dataflow blocks, see [Dataflow](#).

For accepted and excluded arguments of Math Operations blocks, see [Math Operations](#).

Input/Output Properties

The following properties of the Logarithm block can take input and give output.

- input (*number*)
- base (*number*)

input specifies the number to get the logarithm for.

base specifies the base for the logarithm.

Output Property

The following property of the Logarithm block can give output but cannot take input.

- output (*number*)

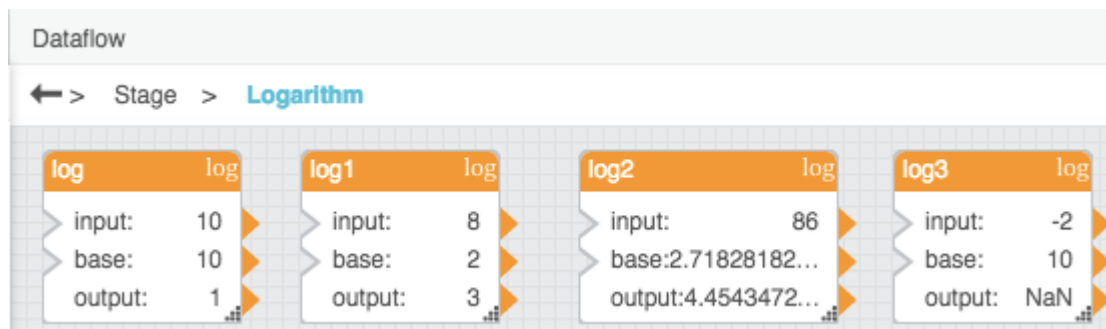
output returns the logarithm for the specified **input** and **base**.

Special Case for the Logarithm Block

A negative input value causes a **NaN** error result to be returned.

Examples

The following image shows four examples of the Logarithm block.



[Previous: Factorial](#)

[Next: Modulo](#)

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