



# Number Formatting

Number Formatting blocks perform formatting operations on numbers.

The following are accepted and excluded arguments for Number Formatting blocks:

- Numbers, logical values, and numbers represented as strings are accepted.
- Error values, and text that cannot be resolved to numbers, cause a **NaN** error result to be returned.

Block	Icon	Description
<a href="#">Absolute</a>	x	Returns the absolute value of a number
<a href="#">Bound</a>	≤x≤	Returns the value of a number within the defined minimum and maximum
<a href="#">Round</a>	.0	Rounds a number using a specified precision
<a href="#">Round Up</a>	!0	Rounds a number up using the specified precision
<a href="#">Round Down</a>	!0	Rounds a number down using the specified precision
<a href="#">Gradient Mapping</a>		Correlates a number range to a color gradient and returns an output color that corresponds to an input number
<a href="#">Format Number</a>	%.0\$	Returns a number or string based on defined formatting criteria
<a href="#">Parse Number</a>		Returns a number parsed out of a string

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