

# Arc Sine

Block Group:	Trigonometric Functions
Icon:	

The Arc Sine block returns the arcsine, or inverse sine, of a number, in degrees. The arcsine of  $n$  is the angle for which  $n$  is the sine.

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

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## Input/Output Property

The following property of the Arc Sine block can take input and give output.

- input (*number*)

**input** defines the sine to get the angle for. Must be between  $-1$  and  $1$ .

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## Output Property

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

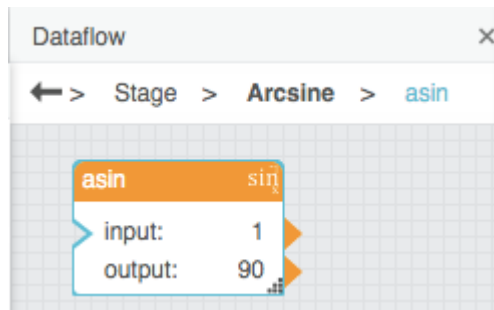
- output (*number*)

**output** returns the arcsine of the input, in degrees.

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## Example

The following image shows an example of the Arc Sine block. In this example, the sine is  $1$ , and the arcsine is  $90$  degrees.



[Previous: Arc Cosine](#)

[Next: Arc Tangent](#)

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Last update: **2021/09/20 15:03**

