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Gates trig

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Quadratic Formula

Inputs:	 A B C
Outputs:	 Out
Description:	Solves $Ax^2+Bx+C = 0$ by using the quadratic formula.

Sin, Cos, Tan (Rad or Deg)

Inputs:	 A
Outputs:	 Out
Description:	Outputs the sine, cosine, or tangent of the input. The output is either radians or degrees depending on which gate is spawned.

Sin, Cos, Tan (Rad or Deg)

Inputs:	 A
Outputs:	 Out
Description:	the arc sine, cosine, or tangent of the input. The input is either in radians or degrees depending on which gate is spawned.

Atan2

Inputs:	<div><div>N</div>A B</div>
Outputs:	<div><div>N</div>Out</div>
Description:	Outputs the arc tangent with 2 arguments in Radians . See for more info: [[1]] (https://web.archive.org/web/20160521125130/http://en.wikipedia.org/wiki/Atan2)]

Radians to Degrees, Degrees to Radians

Inputs:	<div><div>N</div>A</div>
Outputs:	<div><div>N</div>Out</div>
Description:	Converts radians to degrees or vice versa.

Difference (Rad or Deg)

Inputs:	<div><div>N</div>A B</div>
Outputs:	<div><div>N</div>Out</div>
Description:	Outputs the angular difference between the inputs.

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