Float To Integer Node

The *Float To Integer* node takes a single floating point number input and converts it to an integer with a choice of methods.

Inputs

Float

Standard float value input.

Properties

Rounding Mode

Round:

Outputs the closest integer to Float, rounding either up or down based on the value.

Floor:

Outputs the closest integer less than Float, always rounding down.

Ceiling:

Outputs the closest integer greater than Float, always rounding up.

Truncate:

Outputs the closest integer between Float and zero. For positive numbers, acts like Floor. For negative numbers, acts as Ceiling.

Output

Result

Standard integer output.

Examples

Input Value	Round	Floor	Ceiling	Truncate
-69.6574	-70	-70	-69	-69
-3.14159	-3	-4	-3	-3
-1.5	-2	-2	-1	-1
1.5	2	1	2	1
3.14159	3	3	4	3
69.6574	70	69	70	69