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Node Integer Math Items

Functions

ADD:

Add.

$A + B$.

SUBTRACT:

Subtract.

$A - B$.

MULTIPLY:

Multiply.

$A * B$.

DIVIDE:

Divide.

A / B .

MULTIPLY_ADD:

Multiply Add.

$A * B + C$.

ABSOLUTE:

Absolute.

Non-negative value of A, $\text{abs}(A)$.

NEGATE:

Negate.

$-A$.

POWER:

Power.

A power B, $\text{pow}(A,B)$.

Comparison

MINIMUM:

Minimum

The minimum value from A and B, $\text{min}(A,B)$.

MAXIMUM:

Maximum

The maximum value from A and B, $\text{max}(A,B)$.

SIGN:

Sign.

Return the sign of A, $\text{sign}(A)$.

Rounding

DIVIDE_ROUND:

Divide Round.

Divide and round result toward zero.

DIVIDE_FLOOR:

Divide Floor.

Divide and floor result, the largest integer smaller than or equal A.

DIVIDE_CEIL:

Divide Ceiling.

Divide and ceil result, the smallest integer greater than or equal A.

FLOORED_MODULO:

Floored Modulo.

Modulo that is periodic for both negative and positive operands.

MODULO:

Modulo.

Modulo which is the remainder of A / B.

GCD:

Greatest Common Divisor.

The largest positive integer that divides into each of the values A and B, e.g. $\text{GCD}(8,12) = 4$.

LCM:

Least Common Multiple.

The smallest positive integer that is divisible by both A and B, e.g. $\text{LCM}(6,10) = 30$.