

# ADD Function

Returns the value of summing the first argument and the second argument. Equivalent to the + operator.

- Each argument can be a literal Integer or Decimal number, a function returning a number, or a reference to a column containing numeric values.

**NOTE:** Within an expression, you might choose to use the corresponding operator, instead of this function. For more information, see *Numeric Operators*.

## Basic Usage

```
add(2,3)
```

**Output:** Returns the sum of the values 2 and 3.

## Syntax

```
add(value1, value2)
```

Argument	Required?	Data Type	Description
value1	Y	string	The first value must be an Integer or Decimal literal, column reference, or expression that evaluates to one of those two numeric types.
value2	Y	string	The first value must be an Integer or Decimal literal, column reference, or expression that evaluates to one of those two numeric types.

For more information on syntax standards, see *Language Documentation Syntax Notes*.

## value1, value2

Integer or Decimal expressions, column references or literals to sum together.

- Missing or mismatched values generate missing string results.

## Usage Notes:

Required?	Data Type	Example Value
Yes	Literal, function, or column reference returning an Integer or Decimal value	myScore * 10

## Examples

## Example - Numeric Functions

This example demonstrate the following numeric functions:

- See *ADD Function*.
- See *SUBTRACT Function*.
- See *MULTIPLY Function*.
- See *DIVIDE Function*.
- See *MOD Function*.
- See *NEGATE Function*.
- See *LCM Function*.

### Source:

ValueA	ValueB
8	2
10	4
15	10
5	6

### Transformation:

Execute the following transformation steps:

<b>Transformation Name</b>	New formula
<b>Parameter: Formula type</b>	Single row formula
<b>Parameter: Formula</b>	ADD(ValueA, ValueB)
<b>Parameter: New column name</b>	'add'

<b>Transformation Name</b>	New formula
<b>Parameter: Formula type</b>	Single row formula
<b>Parameter: Formula</b>	SUBTRACT(ValueA, ValueB)
<b>Parameter: New column name</b>	'subtract'

<b>Transformation Name</b>	New formula
<b>Parameter: Formula type</b>	Single row formula
<b>Parameter: Formula</b>	MULTIPLY(ValueA, ValueB)
<b>Parameter: New column name</b>	'multiply'

<b>Transformation Name</b>	New formula
<b>Parameter: Formula type</b>	Single row formula
<b>Parameter: Formula</b>	DIVIDE(ValueA, ValueB)
<b>Parameter: New column name</b>	'divide'

<b>Transformation Name</b>	New formula
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Parameter: Formula type	Single row formula
Parameter: Formula	MOD(ValueA, ValueB)
Parameter: New column name	'mod'

Transformation Name	New formula
Parameter: Formula type	Single row formula
Parameter: Formula	NEGATE(ValueA)
Parameter: New column name	'negativeA'

Transformation Name	New formula
Parameter: Formula type	Single row formula
Parameter: Formula	LCM(ValueA, ValueB)
Parameter: New column name	'lcm'

**Results:**

With a bit of cleanup, your dataset results might look like the following:

ValueA	ValueB	lcm	negativeA	mod	divide	multiply	subtract	add
8	2	8	-8	0	4	16	6	10
10	4	20	-10	2	2.5	40	6	14
15	10	30	-15	5	1.5	150	5	25
5	6	30	-5	5	0.833333333	30	-1	11