

EXAMPLE - Numeric Functions

This example demonstrates how to use numeric functions to perform computations in your recipe steps.

Functions:

- ADD
- MOD
- NEGATE
- SUBTRACT
- MULTIPLY
- DIVIDE
- LCM

Source:

| ValueA | ValueB |
|--------|--------|
| 8 | 2 |
| 10 | 4 |
| 15 | 10 |
| 5 | 6 |

Transformation:

Execute the following transformation steps:

| | |
|-----------------------------------|---------------------|
| Transformation Name | New formula |
| Parameter: Formula type | Single row formula |
| Parameter: Formula | ADD(ValueA, ValueB) |
| Parameter: New column name | 'add' |

| | |
|-----------------------------------|--------------------------|
| Transformation Name | New formula |
| Parameter: Formula type | Single row formula |
| Parameter: Formula | SUBTRACT(ValueA, ValueB) |
| Parameter: New column name | 'subtract' |

| | |
|-----------------------------------|--------------------------|
| Transformation Name | New formula |
| Parameter: Formula type | Single row formula |
| Parameter: Formula | MULTIPLY(ValueA, ValueB) |
| Parameter: New column name | 'multiply' |

| | |
|--------------------------------|--------------------|
| Transformation Name | New formula |
| Parameter: Formula type | Single row formula |

| | |
|-----------------------------------|------------------------|
| Parameter: Formula | DIVIDE(ValueA, ValueB) |
| Parameter: New column name | 'divide' |

| | |
|-----------------------------------|---------------------|
| Transformation Name | New formula |
| 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 |