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ROUNDDOWN Function (DAX)

Example See Also Send Feedback

Rounds a number down, toward zero.

– Syntax

```
ROUNDDOWN(<number>, <num_digits>)
```

– Parameters

Term	Definition
number	A real number that you want rounded down.
num_digits	The number of digits to which you want to round. Negative rounds to the left of the decimal point; zero to the nearest integer.

– Return Value

A decimal number.

– Remarks

If **num_digits** is greater than 0 (zero), then the value in **number** is rounded down to the specified number of decimal places.

If **num_digits** is 0, then the value in **number** is rounded down to the nearest integer.

If **num_digits** is less than 0, then the value in **number** is rounded down to the left of the decimal point.

Related Functions

ROUNDDOWN behaves like ROUND, except that it always rounds a number down. The INT function also rounds down, but with INT the result is always an integer, whereas with ROUNDDOWN you can control the precision of the result.

– Example

The following example rounds 3.14159 down to three decimal places. The expected result is 3.141.

📋 Copy Code

```
=ROUNDDOWN(3.14159,3)
```

The following example rounds the value of 31415.92654 down to 2 decimal places to the left of the decimal. The expected result is 31400.

📋 Copy Code

```
=ROUNDDOWN(31415.92654, -2)
```

– See Also

Reference

ROUND Function (DAX)
ROUNDUP Function (DAX)
ROUNDDOWN Function (DAX)
MROUND Function (DAX)
INT Function (DAX)

Other Resources

Math and Trigonometric Functions (DAX)

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