

# ROUND

Rounds a value to a specified number of decimal places.

## Syntax

```
Result = SRP_Math("ROUND", Value1, Value2, DecimalPlaces, ScientificNotation)
```

## Returns

*Value1* round to the *Value2* places.

## Remarks

The ROUND operation rounds *Value1* to the number of decimal places specified in *Value2*. This provides a more shorthand way of rounding than using the [NONE](#) operation. For instance, rounding PI to 5 places using NONE looks like this:

```
Result = SRP_Math("NONE", "3.1415926535897932384626433832795", "", 5)
```

Whereas, using ROUND looks like this:

```
Result = SRP_Math("ROUND", "3.1415926535897932384626433832795", 5)
```

It's a minor difference to be sure, but using ROUND is arguably more readable.

## Example

```
// Round PI to 5 decimal places
Val = "3.1415926535897932384626433832795"
Result = SRP_Math("ROUND", Val, 5)
!! Result = 3.14159 !!
```

```
// Round PI to 4 decimal places
Val = "3.1415926535897932384626433832795"
Result = SRP_Math("ROUND", Val, 4)
!! Result = 3.1416 !!
```