

# ARCSINH

Calculates the hyperbolic arc sine of a value.

## Syntax

```
Result = SRP_Math("ARCSINH", Value, "", DecimalPlaces, ScientificNotation)
```

## Returns

The hyperbolic arc sine of *Value*.

## Remarks

The ARCSINH operation computes the hyperbolic arc sine of *Value*. *Value* can be any number, so no error is generated for this operation. Likewise, the result can be any number.

## Example

```
// Calculate the hyperbolic arc sine of Log2
Val = "0.69314718055994530941723212145817"
Result = SRP_Math("ARCSINH", Val)
!! Result = 0.647043481083189102752188351969942 !!
```

```
// Calculate the hyperbolic arc sine of PI
Val = "3.1415926535897932384626433832795"
Result = SRP_Math("ARCSINH", Val)
!! Result = 1.86229574331084821988836132518262 !!
```