POW

Raises a value to the power of another value.

Syntax

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

Returns

The result of *Value1* raised to the *Value2* power.

Remarks

The POW operation raises *Value1* to the *Value2* power.

Both *Value1* and *Value2* can be any decimal or whole number, but if either one is too large, 0.0 is returned. There is no error returned because the limit is based on available memory.

Example

```
// Calculate PI squared
Val = "3.14159265358979323846426433832795"
Result = SRP_Math("POW", Val, 2)
!! Result = 9.86960440108935861883449099987613 !!
```

```
// Calculate 2 to the 128 power, which is beyond 32 bit limits
Result = SRP_Math("POW", 2, 128)
!! Result = 340282366920938463463374607431800000000.0 !!
```