

# TAN

Calculates the tangent of a value.

## Syntax

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

## Returns

The tangent of *Value*.

## Remarks

The TAN operation computes the tangent of *Value*. *Value* can be any number except a multiple of  $\pi/2$ , else the following error is returned:

```
"ERROR: Value cannot be a multiple of PI/2."
```

Note that this error is likely never to occur since  $\pi/2$  has infinite decimal places.

The result can be any number.

## Example

```
// Calculate the tangent of Log2
Val = "0.227064512498507649434129923403947"
Result = SRP_Math("TAN", Val)
!! Result = 0.2310490601866484364724107071527236 !!
```

```
// Calculate the tangent of PI
Val = "3.1415926535897932384626433832795"
Result = SRP_Math("TAN", Val)
!! Result = 0.0 !!
```