

GCD

Computes the greatest common divisor of two values.

Syntax

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

Returns

The greatest common divisor of *Value1* and *Value2*.

Remarks

The GCD operation computes the greatest common divisor of *Value1* and *Value2*. Both *Value1* and *Value2* must be integers, else the following error is returned:

```
"ERROR: Integer inputs required."
```

Example

```
// Find the GCD of of 33333333333333333333 and 18181818181818181818
Val1 = "33333333333333333333"
Val2 = "18181818181818181818"
Result = SRP_Math("GCM", Val1, Val2)
!! Result = 3030303030303030303.0 !!
```

```
// Attempting to find the GCD of PI and E results in an error
Val1 = "3.1415926535897932384626433832795"
Val2 = "2.7182818284590452353602874713527"
Result = SRP_Math("GCM", Val1, Val2)
!! Result = "ERROR: Integer inputs required." !!
```