

# ? How can I use the PRODUCT function in Google Sheets?

Authored by  
**stats writer**

June 30, 2024

## RECOMMENDED CITATION

stats writer (2024). ? How can I use the PRODUCT function in Google Sheets?.  
PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=161254>

The PRODUCT function in Google Sheets is a mathematical formula that multiplies the values in a specified range or array. It is useful for quickly calculating the product of a series of numbers. To use the PRODUCT function, simply enter the function name followed by the range or array of values you want to multiply. This function can save time and effort when working with large datasets and performing repetitive calculations.

## PRODUCT

Returns the result of multiplying a series of numbers together.

### Sample Usage

```
PRODUCT(A2:A100)
```

```
PRODUCT(1,2,3,4,5,A2:A100)
```

### Syntax

```
PRODUCT(factor1, )
```

`factor1` - The first number or range to calculate for the product.

`factor2 ... factor 30` - - Additional values to multiply by.

### Notes

If only a single number for `factor1` is supplied, PRODUCT returns `factor1`.

Each `factor` may be a number or a range. If a range, empty cells are ignored.

Although PRODUCT is specified as taking a maximum of 30 arguments, Google Sheets supports an arbitrary number of arguments for this function.

### See Also

**SUM**: Returns the sum of a series of numbers and/or cells.

**QUOTIENT**: Returns one number divided by another, without the remainder.

**MULTIPLY**: Returns the product of two numbers. Equivalent to the ``*`` operator.

**MINUS**: Returns the difference of two numbers. Equivalent to the ``-`` operator.

**DIVIDE**: Returns one number divided by another. Equivalent to the `/` operator.

**ADD**: Returns the sum of two numbers. Equivalent to the `+` operator.

## Examples

ARABPSYCHOLOGY.COM