

# How can I use Google Sheets to perform complex calculations?

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June 28, 2024

## RECOMMENDED CITATION

stats writer (2024). *How can I use Google Sheets to perform complex calculations?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=157302>

Google Sheets is a powerful tool that allows users to perform complex calculations in a convenient and efficient manner. By utilizing various built-in functions and formulas, users can easily input and manipulate data to obtain accurate results. Additionally, users can also create custom formulas and scripts to further enhance the capabilities of Google Sheets. With its user-friendly interface and collaboration features, Google Sheets is an ideal platform for performing complex calculations, whether it be for personal or professional purposes.

## COMPLEX

The COMPLEX function creates a complex number, given real and imaginary coefficients.

### Sample Usage

```
COMPLEX(3, 4)
```

```
COMPLEX(3, -1, "j")
```

```
COMPLEX(3, 0)
```

### Syntax

```
COMPLEX(real_part, imaginary_part, )
```

`real_part` - The real coefficient.`imaginary_part` - The imaginary coefficient.`suffix` - The suffix for the imaginary coefficient.

### See Also

`IMREAL`: Returns the real coefficient of a complex number.`IMAGINARY`: Returns the imaginary coefficient of a complex number.

### Examples

1	A	B
2	<b>Formula</b>	<b>Result</b>
3	<code>=COMPLEX(1, 2.5)</code>	1+2.5i
4	<code>=COMPLEX(0, 4, "j")</code>	4j
5	<code>=COMPLEX(3, -1)</code>	3-i