

How can I convert a complex number in Excel into its real part?

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The process of converting a complex number in Excel into its real part involves using the "REAL" function. This function allows the user to extract the real component of a complex number, which is the part of the number that does not contain the imaginary unit. By simply inputting the complex number into the "REAL" function, Excel will automatically calculate and display the real part of the number. This can be useful in various mathematical and scientific applications, where the real part of a complex number is needed for further calculations or analysis.

This article describes the formula syntax and usage of the **IMREAL** function in Microsoft Excel.

Description

Returns the real coefficient of a complex number in $x + yi$ or $x + yj$ text format.

Syntax

IMREAL(inumber)

The IMREAL function syntax has the following arguments:

Inumber Required. A complex number for which you want the real coefficient.

Remarks

Use COMPLEX to convert real and imaginary coefficients into a complex number.