

# Glossary

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This is intended to be a list of basic definitions for common things in math.  
If you think something should be added to the list, or I've made an error,  
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## §1 Common symbols

Here's a list of some of the more common symbols you'll see;

$\forall$  — for all

$\exists$  — there exists

$\in$  — is an element of

$\mathbb{Z}$  — the set of all integers

$\mathbb{Z}^+$  — the set of all positive integers

$\mathbb{R}$  — the set of all real numbers

$a \mid b$  —  $a$  divides  $b$

$\square$  — Shorthand for QED. There are other ways too.

## §2 Less common stuff

Here are some symbols that are less common:

$\mathbb{Q}$  — the set of all rational numbers

$\mathbb{C}$  — the set of all complex numbers