

Titles

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Some other notes you may want to add

This is the introduction text for the template.

Theorems, Corollary, Lemma, Proposition

Definitions

Examples

Proofs, Answers

Warnings, Remarks

Notes

Some special symbols, notations and functions that will appear in this note:

\mathbb{C}	Set of complex numbers
\mathbb{R}	Set of real numbers
\mathbb{Z}	Set of integers
\mathbb{Q}	Set of rational numbers

\mathbb{S}^*	The set of \mathbb{S} excluding 0 (Identity element for addition)
$\text{ord}(a)$	The order of the element a in a group
$ A $	Cardinality of set A

Contents

0	Sample section	4
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0 Sample section

Definition 0.1 (Addition)

We define $1 + 1 = 2$, where $+$ is the binary addition symbol.

Theorem 0.1

SmokingPuddle58 is a math major student.

Proof.

The proof is trivial to most of the math student.

Example 0.1

SmokingPuddle58 can do LaTeX.

Warning Be careful! Because

$$1 + 1 = 4$$

Remark By magic, it is known that $10 + 10 \neq 20$

Note 1

Useless notes