

# Basic Summary Example

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## 1 Boxes

### 1.1 Basic Boxes

This is a sentence.

#### A main box title

Some main box content

#### A main sub title

Some sub box content

### 1.2 Theorems etc.

#### Axiom 1.1: Existence of boxes

These boxes exist.

#### Definition 1.1: Box

A box is a square with content.

#### Corollary 1.1: Maths

Let  $a \in \mathbb{R}$ ,  $b \in \mathbb{R}$ .

$$a \geq b \Rightarrow a - b \geq 0$$

#### Lemma 1.6: Numbering lemma

You can set the counter, so that the lemma will have a certain number.

#### Satz 1.1: Pythagoras

A quadrat plus bee quadrat = sea quadrat.

#### Theorem 1.1: Misnomer corollary

Theorems are never theorems and lemmas are never lemmas.

### 1.3 Counting

#### Axiom 1.2: Counting

Latex can count from 1.1 to 1.2.

## 2 References

### Corollary 2.1: References

You can reference stuff. E.g. definition 1.1 with the title **Box**.