

# 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**.