

# I. Formulas

## 1. Boxes

### 1.1. Basic Boxes

This is a sentence.

<b>A main box title</b>	Some main box content
<b>A main sub title</b>	Some sub box content

### 1.2. Theorems etc.

**Ax 1.1: Existence of boxes** These boxes exist.

**Def 1.1: Box** A box is a square with content.

**Cor 1.1: Maths** Let  $a \in \mathbb{R}$ ,  $b \in \mathbb{R}$ .

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

**Lem 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.

**Thm 1.1: Misnomer corollary** Theorems are never theorems and lemmas are never lemmas.

### 1.3. Counting

**Ax 1.2: Counting** Latex can count from 1.1 to 1.2.

## 2. References

**Cor 2.1: References** You can reference stuff. E.g. definition [1.1](#) with the title [Box](#).