Compact Cheatsheet Example

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I. Formulas

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.

Ax 1.1: Existence of boxes These boxes exist.

Rem 1.1: Reference ids This is to demonstrate that reference IDs can be the same for different types.

Def 1.1: Spaced equation This is a well spaced multiline equation. Compare this to this text.

$$\mathbb{P}[X = x] := 0.5 \cdot \text{Coinflip}$$
$$\mathbb{E}[X] = 259.58$$

There's also text after it.

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

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

Here's some text after the equation.

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. remark 1.1 with the title Reference ids.
Different types have different ids. So you could also reference axiom 1.1 Existence of boxes.