

Numbering

`parent_counter` numbers an environment within a section, as the optional last argument of `\newtheorem` does. Give one unit for every environment, `parent_counter: section`, or one for each, as here. Theorem (and Lemma, which shares its counter) is numbered within the section, Remark within the subsection, and Conjecture, which is not listed, through the whole document.

Number the sections, with `-N` or Quarto's `number-sections: true`; without it, LaTeX numbers theorems 0.1, 0.2, and so does the filter.

1 Groups

Theorem 1.1. *A subgroup of a cyclic group is cyclic.*

Lemma 1.2. *Every group of order 4 is abelian.*

Conjecture 1. *Every conjecture here is numbered through the document.*

1.1 Subgroups

Remark 1.1.1. Numbered within this subsection.

Remark 1.1.2. And again.

2 Rings

Theorem 2.1. *The numbering restarts in a new section.*

Conjecture 2. *Still counting on.*

Remark 2.0.1. There is no subsection here yet, so the subsection part of its number is 0, as in LaTeX.