

# This is a title

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## 1 This is the section name

### 1.1 This is the subsection name

**Theorem 1.1.1 (Name of thm).** This is a theorem

**Definition 1.1.1.** This is a definition

**Example 1.1.1.** This is an example

*Answer.*

□

**Remark.** This is a remark

*Proof.*

This is a proof

■

**Corollary 1.1.** This is a corollary

**Lemma 1.1.** This is a lemma

**Proposition 1.1.1.** This is a proposition

**Conjecture 1.1.1.** This is a conjecture

**Axiom 1.1.**