

# Demo Amsthm

## In MultiMarkdown to HTML and LaTeX

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### 1 Demo Amsthm

**Theorem 1.1.**

$$\sqrt{x^2} \equiv |x|$$

**Lemma 1.2.**

$$\sqrt{x^2} \equiv |x|$$

**Proposition 1.3.**

$$\sqrt{x^2} \equiv |x|$$

**Corollary.**

$$\sqrt{x^2} \equiv |x|$$

**Definition 1.1.**

$$\sqrt{x^2} \equiv |x|$$

**Conjecture 1.1.**

$$\sqrt{x^2} \equiv |x|$$

**Example 1.1.**

$$\sqrt{x^2} \equiv |x|$$

**Postulate 1.1.**

$$\sqrt{x^2} \equiv |x|$$

**Problem 1.1.**

$$\sqrt{x^2} \equiv |x|$$

*Remark.*

$$\sqrt{x^2} \equiv |x|$$

*Note.*

$$\sqrt{x^2} \equiv |x|$$

*Case 1.*

$$\sqrt{x^2} \equiv |x|$$

*Proof.*

$$\sqrt{x^2} \equiv |x|$$

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