### **MATH 101**

Professor

LATEX by Joe University

Semester

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## Chapter 1

# Examples

### 1.1 Theorem System

# Definition 1.1.1: Definition Name A defintion.

Theorem 1.1.2: Theorem Name

A theorem.

Lemma 1.1.3: Lemma Name

A lemma.

Fact 1.1.4

A fact.

Corollary 1.1.5

A corollary.

Proposition 1.1.6

A proposition.

Claim

A claim.

Proof for Claim.

A reference to Theorem 1.1.2

**Proof.** Veniam velit incididunt deserunt est proident consectetur non velit ipsum voluptate nulla quis. Ea ullamco consequat non ad amet cupidatat cupidatat aliquip tempor sint ea nisi elit dolore dolore.

Laboris labore magna dolore eiusmod ea ex et eiusmod laboris. Et aliquip cupidatat reprehenderit id officia pariatur.  $\Box$ 

### Example.

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### Some remark.

#### Remark.

Some more remark.

### 1.2 Pictures



Figure 1.1: Waterloo, ON