My Beamer Example

My Name

My Home Institution

June 2, 2017

Tables

Let's make a simple table for boolean logic.

X	Y	X AND Y	X OR Y
T	T	T	T
T	F	F	T
F	T	F	T
F	F	F	F

Matrices can be built in a similar manner, but you must be in math mode

$$\begin{bmatrix} 0 & 1 & \dots & 2 \\ 3 & 4 & \dots & 5 \\ \vdots & \vdots & \ddots & \vdots \\ 6 & 7 & \dots & 9 \end{bmatrix}$$

Lists

We can make an itemized list:

- This list
- will display
- all at once

We can also make enumerated lists:

Lists

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We can also make enumerated lists:

1. We will show

Lists

We can make an itemized list:

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- will display
- all at once

We can also make enumerated lists:

1. We will show
2. only one entry

Lists

We can make an itemized list:

- This list
- will display
- all at once
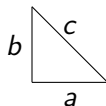
We can also make enumerated lists:

1. We will show
2. only one entry
3. at a time

Definition Blocks

Definition

A **right triangle** is a triangle in which one of the angles is a right angle. The side opposite of the right angle is called the **hypotenuse** and the other two sides are called **legs**.

Figure : A right triangle (No need to TeX this! Ola will explain how to use TikZ later)

Theorems and Figures

Theorem (The Pythagorean Theorem)

The sums of the squares of the legs of a right triangle is equal to the square of its hypotenuse. In reference to the labels in the previous figure, this may be written as $a^2 + b^2 = c^2$

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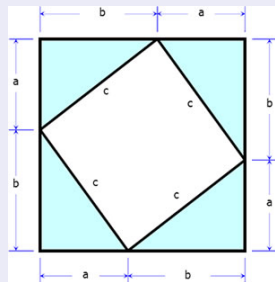
Proof.

Advanced Topic- The Columns Environment

The columns environment splits your page up into multiple columns of content.

Equation 1   Equation 2

$$(a + b)(a - b) = a^2 - b^2$$ $$(a - b)(a^2 + ab + b^2) = a^3 - b^3$$

Columns is also a nice environment for placing equations and graphs side-by-side.