

Introduction to Beamer

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Table of Content

- 1 Introduction
- 2 Columns
- 3 Inserting Pictures
- 4 Math Mode
- 5 Blocks
- 6 Pictures
- 7 List
 - Itemize
 - Enumerate
 - Description
- 8 Overlays
 - Pause
 - Overlay Specifications



Introduction

Beamer is a professional way to display mathematical information to an audience, similar to PowerPoint.



To begin a beamer presentation begin with *beamer* instead of *article* in the document. For a quick Beamer template click on "Wizard" then "Quick Beamer Presentation"

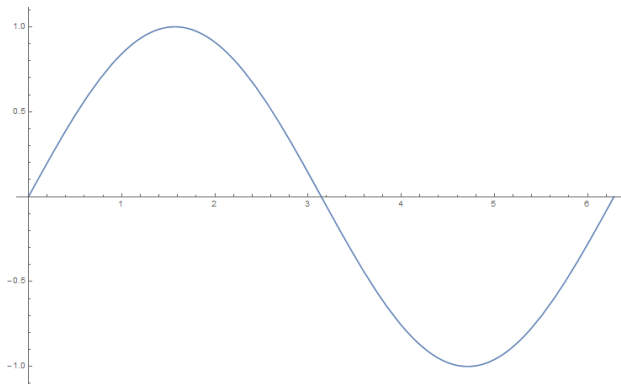


Using Columns

First Column: this is sample text so you can see what happens as it wraps

Second Column:
You can fill up as much text as you want and the "c" command will center from top to bottom.

Inserting Pictures



Latex Math Mode

The area of a triangle with side lengths a, b, c is given by *Heron's formula*:

$$A = \sqrt{s(s-a)(s-b)(s-c)},$$



Defining Blocks

This block would be good for a theorem

This is a block

Alert Block

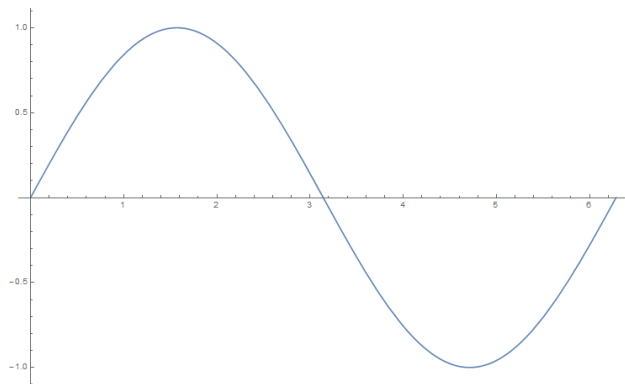
This is an alert block

Example Block

This is an example block

Inserting Pictures

The link will point to the frame with the picture [▶ Inserting Pictures](#)



Do not forget to check your work frequently!

Itemize

- Follow the same procedure as with LaTeX to itemize.
- Start and finish each frame with the itemize command when being utilized.

Enumerate

- 1 Slope-intercept form
- 2 Point-slope form
- 3 Standard form
- 4 ...

Description

[Slope-intercept form](#) Description goes here

[Point-slope form](#) Description goes here

[Standard Form](#) Description goes here



Pause

Pause

$$(a + b)^2 = (a + b)(a + b)$$





Pause

$$\begin{aligned}(a + b)^2 &= (a + b)(a + b) \\ &= (a + b)a + (a + b)b\end{aligned}$$



Pause

$$\begin{aligned}(a + b)^2 &= (a + b)(a + b) \\ &= (a + b)a + (a + b)b \\ &= a(a + b) + b(a + b)\end{aligned}$$



Pause

Pause

$$\begin{aligned}(a + b)^2 &= (a + b)(a + b) \\ &= (a + b)a + (a + b)b \\ &= a(a + b) + b(a + b) \\ &= a^2 + ab + ba + b^2\end{aligned}$$

Pause

$$\begin{aligned}(a + b)^2 &= (a + b)(a + b) \\ &= (a + b)a + (a + b)b \\ &= a(a + b) + b(a + b) \\ &= a^2 + ab + ba + b^2 \\ &= a^2 + ab + ab + b^2\end{aligned}$$

Pause

$$\begin{aligned}(a + b)^2 &= (a + b)(a + b) \\ &= (a + b)a + (a + b)b \\ &= a(a + b) + b(a + b) \\ &= a^2 + ab + ba + b^2 \\ &= a^2 + ab + ab + b^2 \\ &= a^2 + 2ab + b^2\end{aligned}$$

Overlay Specifications

Quadratic Equation

$$y = Ax^2 + Bx + C.$$

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Any question we may be able to answer?