



Table of contents

Introduction

- Test Page
- Topic 2
- Topic 3

SubSection2

- Topic 1
- Topic 2
- Topic 3

SubSection3

- Topic 1
- Topic 2
- Topic 3

Header 1

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Header 2

- unordered list 1
 - i. inline LaTex: $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$
- unordered list 2
 - i. ordered sublist 1
 - ii. ordered sublist 2
- unordered list 3
 - sublist 1
 - sublist 2

Header 3

Header 4

Images



Internal:



External:

Syntax highlighting:

```
#include <iostream>
int main(void){
    std::cout << "hello world" << std::endl;
    return 0;
}
```

LaTex

When $a \neq 0$, there are two solutions to $(ax^2 + bx + c = 0)$ and they are

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Admonitions

ⓘ NOTE

A note block

code in admonition block

```
#include <iostream>
int main(void){
    std::cout << "hello world" << std::endl;
    return 0;
}
```

Latex in admonition block

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



Internal:



External:

 **TIP**

A tip block code in admonition block

```
print("This line will be printed.")
```

Latex in admonition block

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



Internal:



External:

⚠ CAUTION

A caution block code in admonition block

```
#include <iostream>
int main(void){
    std::cout << "hello world" << std::endl;
    return 0;
}
```

Latex in admonition block

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



Internal:



External:

🔥 DANGER

a danger block code in admonition block

```
#include <iostream>
int main(void){
    std::cout << "hello world" << std::endl;
    return 0;
}
```

Latex in admonition block

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Internal:



External:



Table

col 1	col 2	col 3
r1-c1	$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	r1-c3

col 1	col 2	col 3
$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	 A green cartoon monster with a yellow book. The monster has a wide, toothy grin, two small black dots for eyes, and a small tuft of hair on top of its head. It is holding a yellow book with black horizontal lines, possibly musical notation. The book has a small green flower on its cover.	r2-c3
r3-c1	r3-c2	 A green cartoon monster with a yellow book. The monster has a wide, toothy grin, two small black dots for eyes, and a small tuft of hair on top of its head. It is holding a yellow book with black horizontal lines, possibly musical notation. The book has a small green flower on its cover.

Topic File 2

Topic File 3

Topic File 1

Topic File 2

Topic File 3

Topic File 1

Topic File 2

Topic File 3