

# My L<sup>A</sup>T<sub>E</sub>X slide

## Subheading

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## Introduction-Background. ...

Here is my definition...

Definition (01)

DFN

Example

EG

*Example.*

## Method (1)

What we do.

## Theorem (D.)

*For all  $n$ , we have  $n^2 = n \cdot n$ .*

*Proof.* With massive loss of generality, let  $n = 1$ . Then we have

$$1 = 1^2 = 1 \cdot 1 = 1$$

Therefore by overwhelming hope, it must always be true. □

Most algebra you need to be true is true.

## Corollary

*For all  $n, m \in \mathbb{N}$ ,  $(n + m)^2 = n^2 + m^2$ .*

1. Bleach is mostly water.

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2. We are mostly water.



1. Bleach is mostly water.
2. We are mostly water.
3. Therefore, we are bleach.

Now we pause for the big reveal...

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2. We are mostly water.
3. Therefore, we are bleach.

Now we pause for the big reveal...

- I am clearly a master of logic.
- Masters of logic get Ph.D's.
- I have earned this.

Finally! Some Math!

Here is some Math:  $\int_1^\alpha \frac{x^2}{\sin x^2} dx$  and  $\sum i^2$ .

But you could make this Math big inline with ‘displaystyle’:  $\int_1^\alpha \frac{x^2}{\sin x^2} dx$  and  $\sum i^2$ .

And even more Math:

$$\oint \vec{\nabla} \times \vec{F} dV = \sum_{n=1}^{\infty} \bar{p} \begin{pmatrix} a & b \\ c & d \end{pmatrix}$$

- 1 ...
- 2 ...
- 3 ...

# Questions?