

Euclid of Alexandria

Example of the Presentation Title Slide

Presentation Subtitle

May 24, 2020

- 1 Background
- 2 My awesome result

There Is No Largest Prime Number

Theorem

There is no largest prime number.

1. Suppose p were the largest prime number.
2. Consider the number $q = p + 1$.
3. But q is not prime, since it is greater than 1 and divisible by p .
4. But $q + 1$ is greater than 1, thus divisible by some prime number not in the first p numbers.

There Is No Largest Prime Number

Theorem

There is no largest prime number.

1. Suppose p were the largest prime number.
2. Let q be the product of the first p numbers.
3. q is not prime.
4. But $q + 1$ is greater than 1, thus divisible by some prime number not in the first p numbers.

There Is No Largest Prime Number

Theorem

There is no largest prime number.

1. Suppose p were the largest prime number.
2. Let q be the product of the first p numbers.
3. Then $q + 1$ is not divisible by any of them.
4. But $q + 1$ is greater than 1, thus divisible by some prime number not in the first p numbers.

A really really long title to check the behaviour of what happens when things are too long

- one
- two

Any day now

I swear its coming... soon

IOWA

My awesome result