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27th International Symposium of Prime Numbers



Theorem

There is no largest prime number.

1. Suppose p were the largest prime number.

4. But q+1 is greater than 1, thus divisible by some prime number not in the first p numbers.



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- 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 longer title



- one
- two





Example block

"You miss 100% of the shots you don't take." – Wayne Gretzky

— Michael Scott