

# Re: infinity

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*Source:* <http://sci.tech--archive.net/Archive/sci.math/2005-08/msg03330.html>

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- *From:* Virgil <ITSnetNOTcom#virgil@xxxxxxxxxxx>
  - *Date:* Wed, 17 Aug 2005 15:21:31 -0600
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In article <MPG.1d6d54f48b622e6c98a0ef@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>, Tony Orlow (aeo6) <aeo6@xxxxxxxxxxx> wrote:

> Nathan said:  
>> Tony Orlow (aeo6) wrote:  
>>> Virgil said:  
>>>> How does it take forever when they are all done within the space of one  
>>>> minute?  
>>>>  
>>> I said every moment in a unit of time, or every unit of time forever.  
>>> Those are  
>>> the same number of iterations.  
>>  
>> What the heck is "every moment"? Sounds an awful lot like Zeno's  
>> paradox. However, the truth of this paradox is now understood.  
>>  
>>  
> Every moment in that minute is like every real number in  $[0,1]$  or every point  
> in a unit line segment. Zeno's Paradox is exactly like this problem; it boils  
> down to infinite series.

A countable sequence of moments, which is all that is required, is not like every point in a continuum.

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• *References:*

- ◆ ***Re: infinity***  
    ◇ *From:* Virgil
- ◆ ***Re: infinity***  
    ◇ *From:* aeo6
- ◆ ***Re: infinity***  
    ◇ *From:* Jesse F. Hughes
- ◆ ***Re: infinity***  
    ◇ *From:* aeo6
- ◆ ***Re: infinity***  
    ◇ *From:* Jesse F. Hughes
- ◆ ***Re: infinity***

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◇ *From:* aeo6

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◇ *From:* aeo6

◆ **[Re: infinity](#)**

◇ *From:* Nathan

◆ **[Re: infinity](#)**

◇ *From:* aeo6

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