

## Re: Infinity is not that big!

**Source:** <http://sci.tech-archive.net/Archive/sci.logic/2004-10/1307.html>

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**From:** robert j. kolker (*nowhere\_at\_nowhere.net*)

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HERC777 wrote:

- >
- > *0 is not a natural number*
- > *0 has no magnitude*

0 is the identity element of the additive group of rational integers (i.e. 0, positive integers and negative integers). So one cannot say 0 is nothing.

- >
- > *if infinity was a number then  $\infty = 0$*

0 is a number.  $\infty$  is not a number in the algebraic sense.

Bob Kolker