

Re: Two results of set geometry

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- *From:* William Hughes <wpihughes@xxxxxxxxxxxx>
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On Oct 26, 12:26 am, Tony Orlow <t...@xxxxxxxxxxxx> wrote:

cbr...@xxxxxxxxxxxxxxxxxxxx wrote:
Why doesn't it have edges.

For the same reason that there is no last natural number: there is no last row or column of squares to make up the edge.

Then there is no omega.

No. The edge is not omega. The fact that the set of natural numbers has omega elements does not mean it has an omega'th element. Remember, some sets do not have a last element. If a set does not have a last element, then it does not have a count, but it can have a size. Omega is not the count of set of natural numbers. Omega is the size of the set of natural numbers.

-William Hughes

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