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Subject: Re: Questions I would like to pose to athiests

Posted by [Dover](#) on Sun, 16 Jan 2011 00:23:00 GMT

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R315r4z0r wrote on Sat, 15 January 2011 09:40No, you're right. I had a hard time picking the word for what I said. Admittedly, I don't think paradox is the right one, but what other would could I use?

Well, in elementary school, people would raise their hand and say "I don't get it" when they didn't understand something, not "This is wrong."

R315r4z0r wrote on Sat, 15 January 2011 09:40Dover wrote on Sat, 15 January 2011 08:22I'm not sure where you're getting "However, it is also true that one day the universe must end...". That's a mighty big claim you're leaving completely unsupported out there. I'm sure it's feeling pretty lonely and would appreciate the company of some explanation. I don't have to explain it. You did it for me.

You said that anything and everything would have to happen, correct? The universe ending is something that would therefore have to end up happening... eventually.

Reread what I said carefully. Anything that can happen, must happen. Assuming the universe in truly infinite, if time ends the universe is no longer infinite and the statement no longer holds. No paradox, just a finite universe.

You're also making the assumption that time ending is something that "can happen". The theory behind what I said is that any number greater than zero multiplied by infinity will yield infinity, which in statistical terms is the surest guarantee you can ever have that something will happen. This is not the case if you multiply infinity by zero (in which case you get just zero). Without knowing more about "the end of time", neither of us can say for sure what the odds of it occurring are.

This is entirely different from the things mentioned earlier in this thread (like the laws of physics no longer applying, or a big bang occurring), because we "know" (As much as we can "know") that they have already occurred at least once, and therefore the probability of it happening again are greater than zero.

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