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Subject: Re: Questions I would like to pose to athiests  
Posted by [R315r4z0r](#) on Wed, 19 Jan 2011 14:09:36 GMT  
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This might just be me being stupid, but wouldn't it be double that?

From a source, light will travel in all directions. If the furthest source of light (star) we know of is 13 billion light years away, then we know that light from that star took 13 billion years to travel from that star to our planet. But what about on the opposite side of the star? Wouldn't light travel that way too? The star should be like a mid point in the calculation rather than an endpoint. (making a total of 26 billion light years from Earth all the way to the farthest reaches of light from a star 13 billion light years away.)

In the following diagram, the blue dot is Earth and the yellow dot is a star 13 billion light years away:

Granted there is no way to confirm this. The universe could very well have an edge just beyond that star at the 13 billion light year mark. But logically, the space between any star and our planet could also be considered a radius of which we know space resides in. (The distance from Earth to a star is 10 billion light years for example, therefore, there is a radius of 10 billion light years all around that particular star that the universe at least extends to.)

### File Attachments

1) [lyrs.jpg](#), downloaded 1328 times

