

What is the light year?

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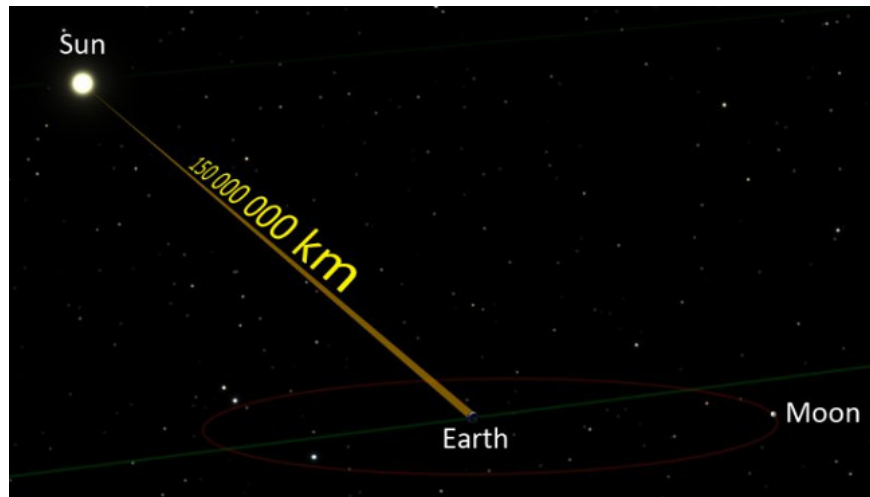
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Light moves at 300,000 km / s and is the fastest moving thing in the universe. To make it easy to imagine, you can imagine that if the plane reaches the speed of light, it only takes 1 second to move around the Earth equator up to 7.5 times.



The light year is the distance the light can travel for a year. And a light year is equal to 9,460,528,400,000 km (9.5 trillion km), ie 5,878,499,810,000 miles.

If you walk at an average speed of 20 minutes a mile, then you have to spend 225 million years (not eating or sleeping) to be able to go through a light-year.



This number is terrible. And for us to easily visualize the distance of a light-year, astronomer Robert Burnham compressed the light-year unit into an astronomical unit - the distance between Earth and the Sun, about 150 million kilometers, equivalent to 8 light minutes. That is, a light year has 63 thousand astronomical units.

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