

# The Sun

By Student Name

## Distance from Earth:

150,000,000 kilometers

or

93 million miles

## Diameter

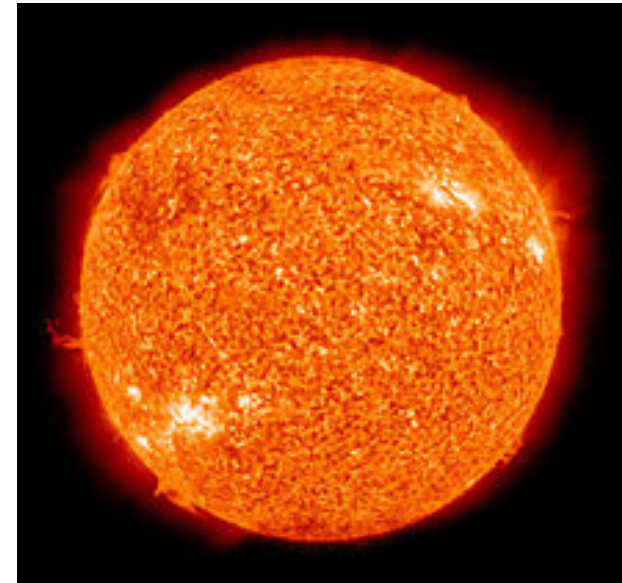
1,392,000 kilometers

## Brightness of the Sun (lux):

128,000 lux

## 5 Interesting Facts About the Sun:

- The Sun accounts for 99.86% of the mass in the solar system.
- Over one million Earth's could fit inside the Sun. ...
- One day the Sun will consume the Earth. ...
- The energy created by the Sun's core is nuclear fusion. ...
- The Sun is almost a perfect sphere. ...



**Claim:** There are other stars in the universe larger than our Sun.

**Evidence:** Although the Sun is the brightest star in our sky, it only appears larger because it is closer to Earth. Many other stars in the universe are larger, such as Sirius, Rigel, Betelgeuse, and Proxima Centauri

**Reasoning:** Our Sun is actually a very small star compared to other stars in the universe.

Sources:

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# Possible Stars to Research:

Proxima Centauri

KY Cygni

Procyon

Betelgeuse

Alpha Centauri A

Wolf 359

R136a1

Alpha Centauri B

Lalande 21185

Sirius

Epsilon Eridani

WISE 1049-5319

VY Canis Majoris

Gliese 710

Luyten 726-8

Antares

HD 140283

Ross 154

Arcturus

Barnard's Star

Teagarden

UY Scuti

51 Pegasi

Rigel

Vega

Canopus

Capella

[https://simple.wikipedia.org/wiki/List\\_of\\_nearest\\_stars](https://simple.wikipedia.org/wiki/List_of_nearest_stars)