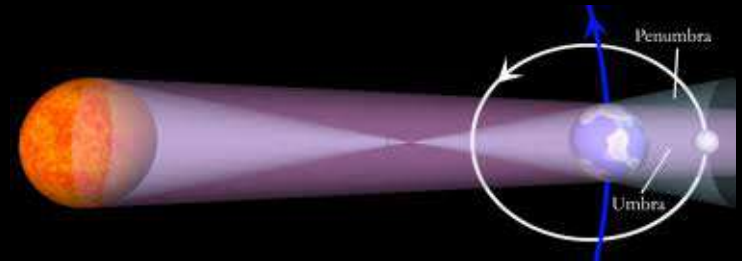


Eclipse – Solar and Lunar

1. Overview

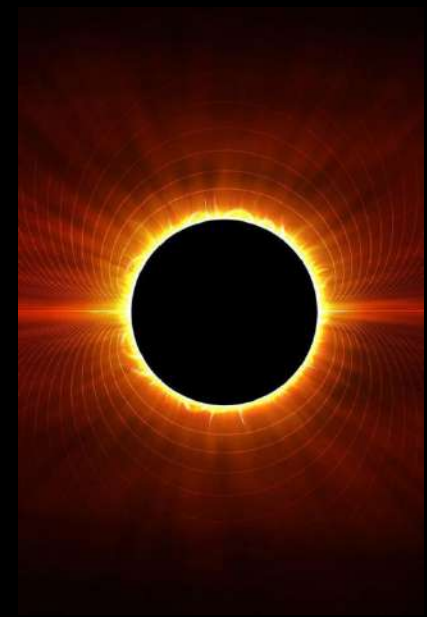


2. Solar Eclipse

- Video and Questions

3. Lunar Eclipse

- Online simulation

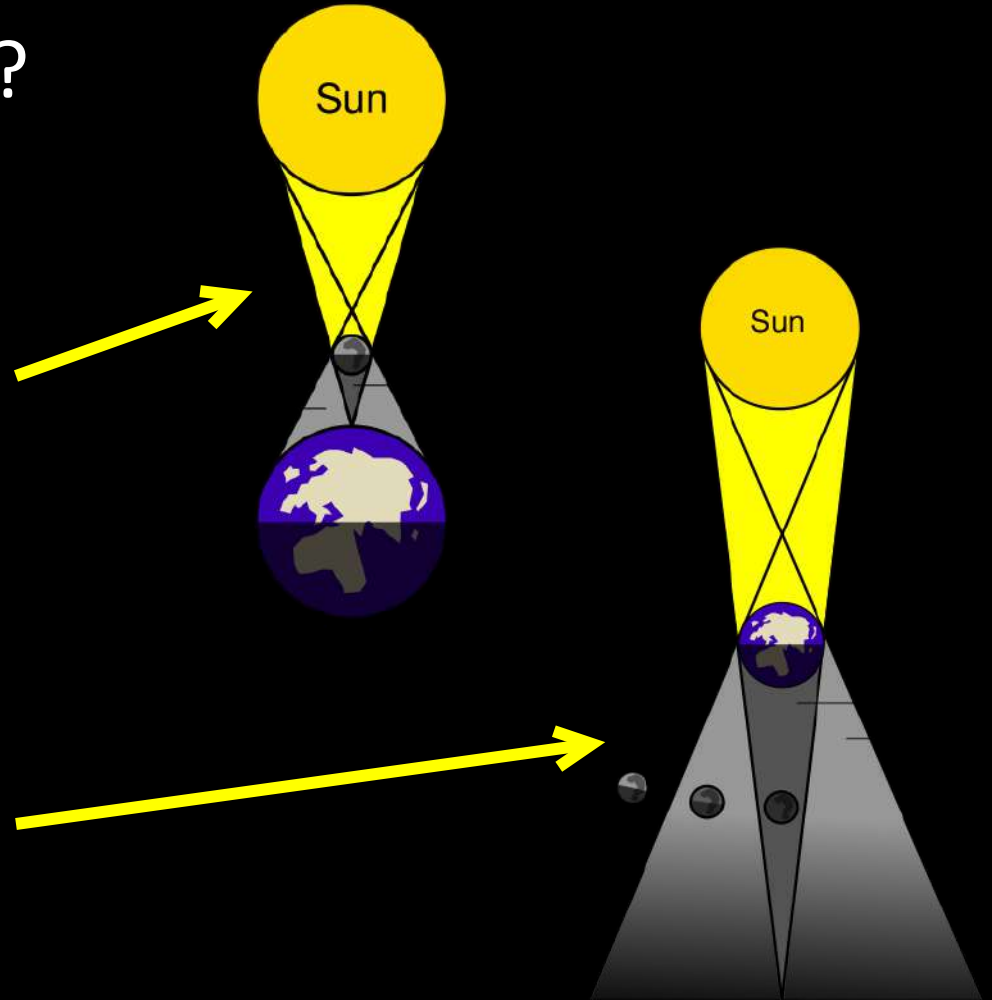


Solar vs. Lunar Eclipse

- What's the difference?

A solar eclipse is when
the _____

A lunar eclipse is when
the _____



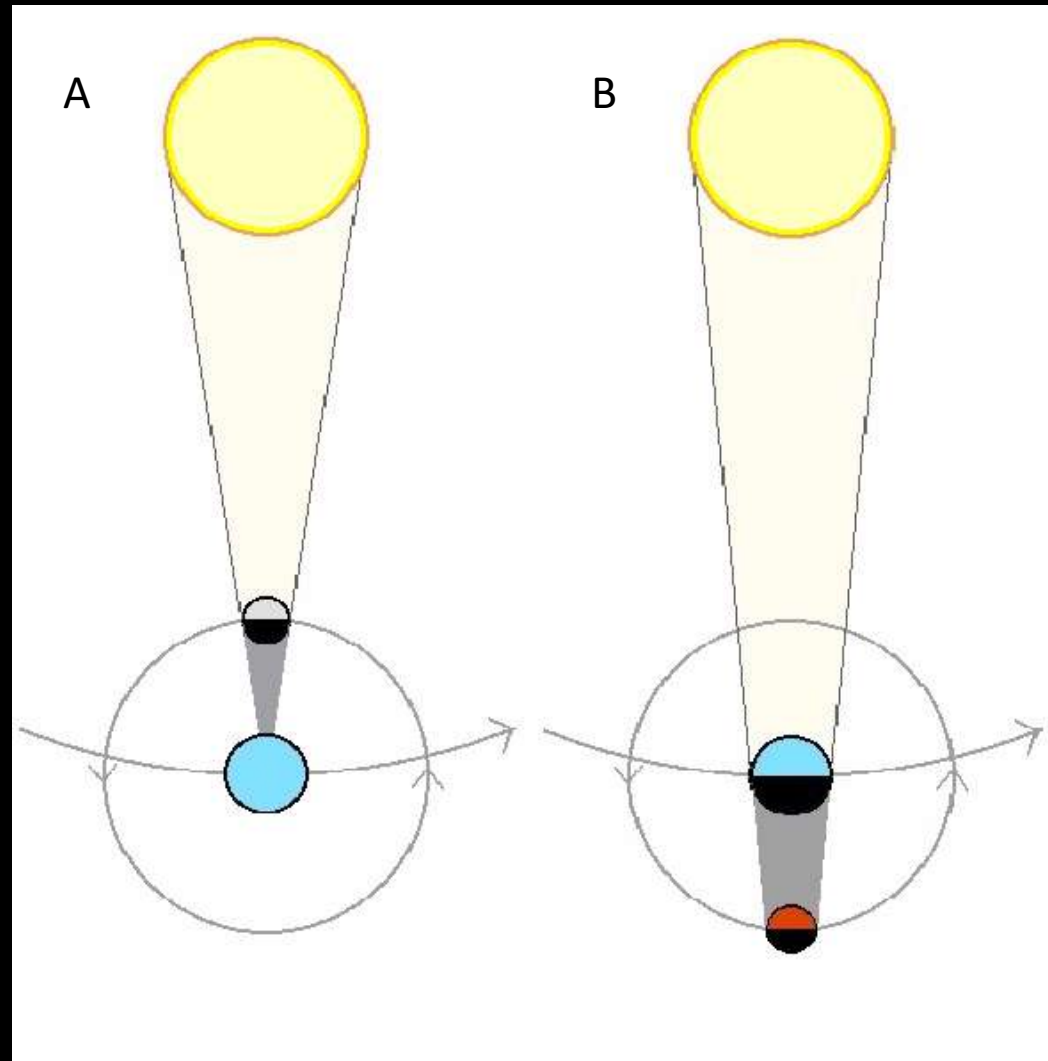
Which is which and why?

- I know figure A is a

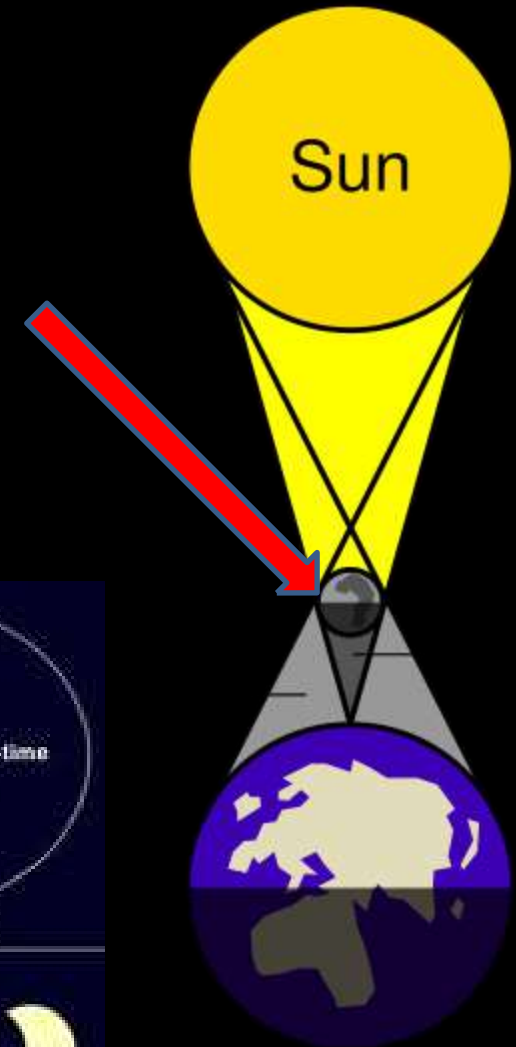
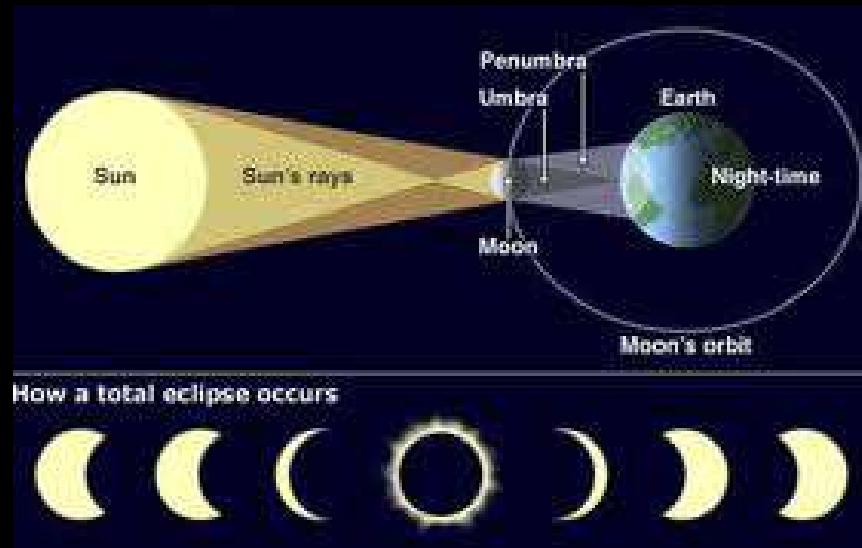
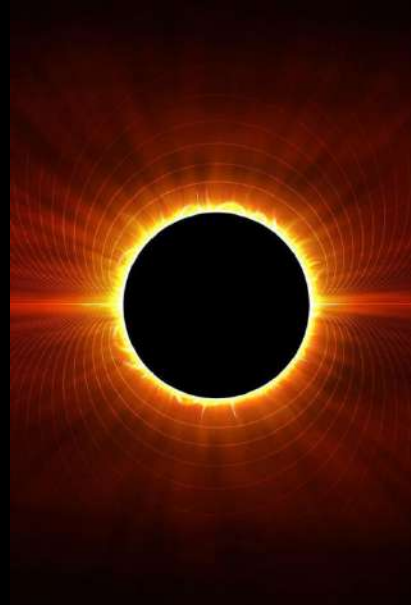
eclipse because:

- I know figure B is a

eclipse because:



Solar Eclipse

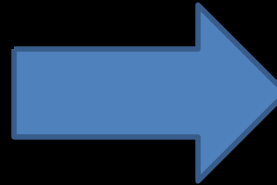


Solar Eclipse Video and Questions

Watch the video once then again while answering the following questions in pairs.

- 1) What causes a solar eclipse?
- 2) Why are solar eclipses rare and only last a few minutes?
- 3) Why do solar eclipses only happen during a new moon?
- 4) What two things are seen during a total solar eclipse?
- 5) Looking directly at the sun during an eclipse creates what risks?

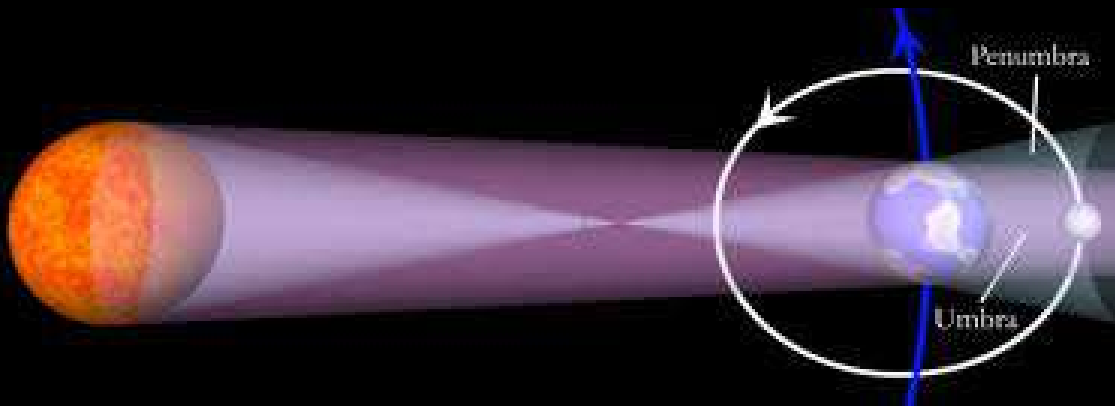
The Solar Eclipse In Varanasi – July 22, 2009



Lunar Eclipse

- In a Lunar Eclipse, the Earth blocks sunlight from _____

- _____



Simulation – click the image to view the simulation then answer the questions

