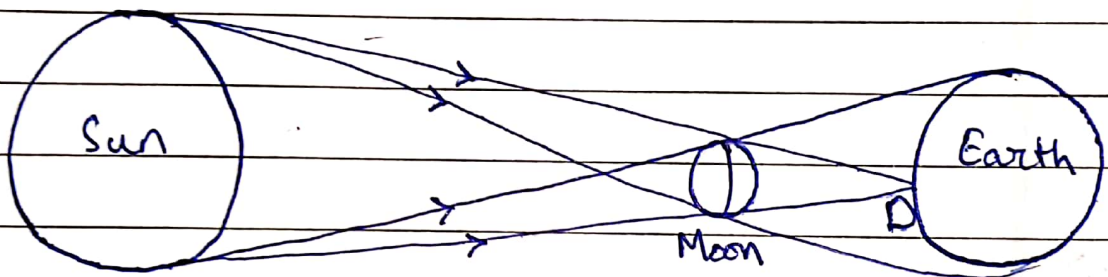


## Homework

1- ~~light~~ <sup>annular</sup> What is ~~solar~~ solar eclipse? Draw a labelled diagram to show its formation.

Ans- An annular solar eclipse occurs when only the tip of the umbra of the moon falls on the earth at point D, the sun will appear to be completely obstructed by the moon, only the outer rim of the sun, called corona, is then visible for a very short time which is known as the diamond ring.



2- What is an eclipse? Name two types of eclipses.

Ans- Eclipses are examples of formation of shadows in nature. The two types of eclipses are:

- (i) Lunar eclipse (the eclipse of the moon).
- (ii) Solar eclipse (the eclipse of the sun)

3- Why are shadows at noon shorter than in the morning or in the ~~evening~~ evening?

Ans At noon the sun is directly overhead, the sun rays fall vertically on the body so the shadow is very short. In the morning or in the evenings, the sun rays fall in an inclined position, so the shadows are big.