

MOON PHASES

Session 3: Eclipses

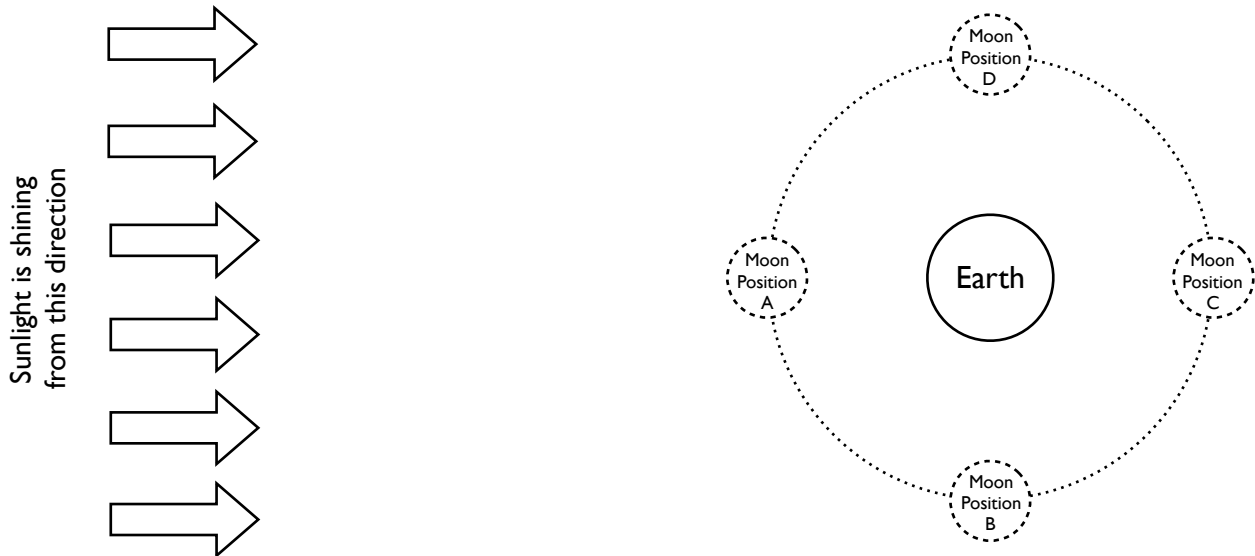
Instructions: You and your partner should **discuss your responses** to each question, then write your answers in your own packet.

1. Lunar or Solar Eclipse?

- a. During a **lunar eclipse**, something is blocking the **Moon** .
 < Sun / Moon >
- b. During a **solar eclipse**, something is blocking the **Sun** .
 < Sun / Moon >

2. Which positions?

This diagram shows an **overhead view** of the sunlight and Earth, with the Moon drawn at 4 possible positions. *NOTE: The diagram is not to scale!*



- a. Choose the Moon position that goes with a Solar Eclipse: A B C D
- b. Choose the Moon position that goes with a Lunar Eclipse: A B C D

c. What is the phase of the Moon when it is at the position you chose in part a?

At this position, the phase of the Moon is **New** .
 < new / crescent / half / gibbous / full >

d. What is the phase of the Moon when it is at the position you chose in part b?

At this position, the phase of the Moon is **Full** .
 < new / crescent / half / gibbous / full >

