

# MOON PHASES

## Session 3: Eclipses

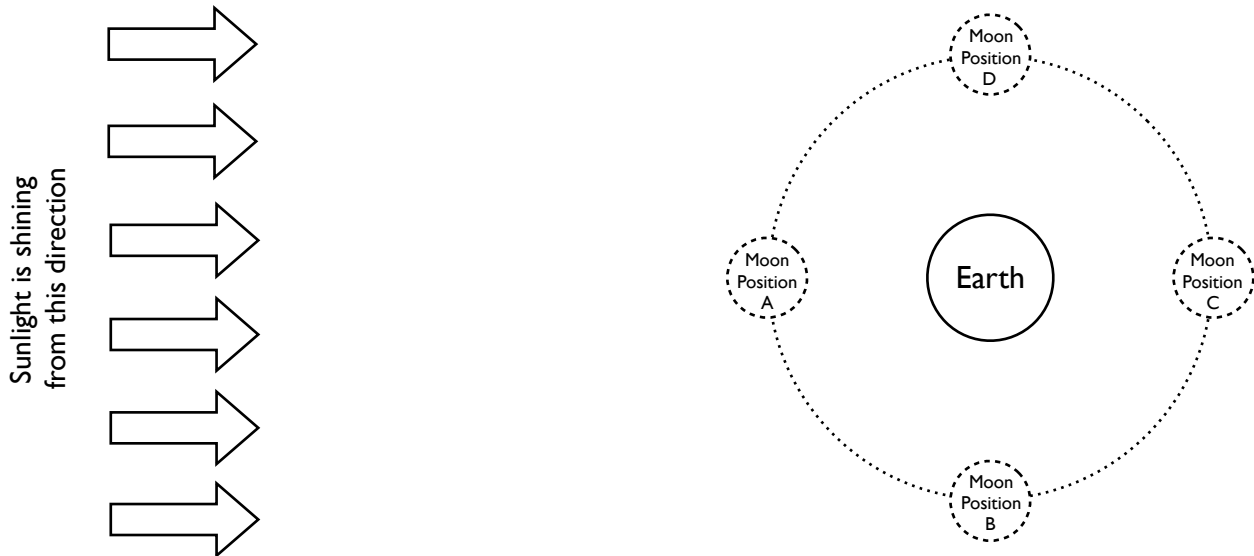
**Instructions:** You and your partner should **discuss your responses** to each question, then write your answers in your own packet.

### 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. 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 >
- c. Choose the Moon position that goes with a **Lunar Eclipse**:     A     B     C     D
- d. What is the phase of the Moon when it is at the position you chose in **part c**?  
 At this position, the phase of the Moon is     **Full**    .  
 < new / crescent / half / gibbous / full >

