

# MOON PHASES

## Session 3: Eclipses

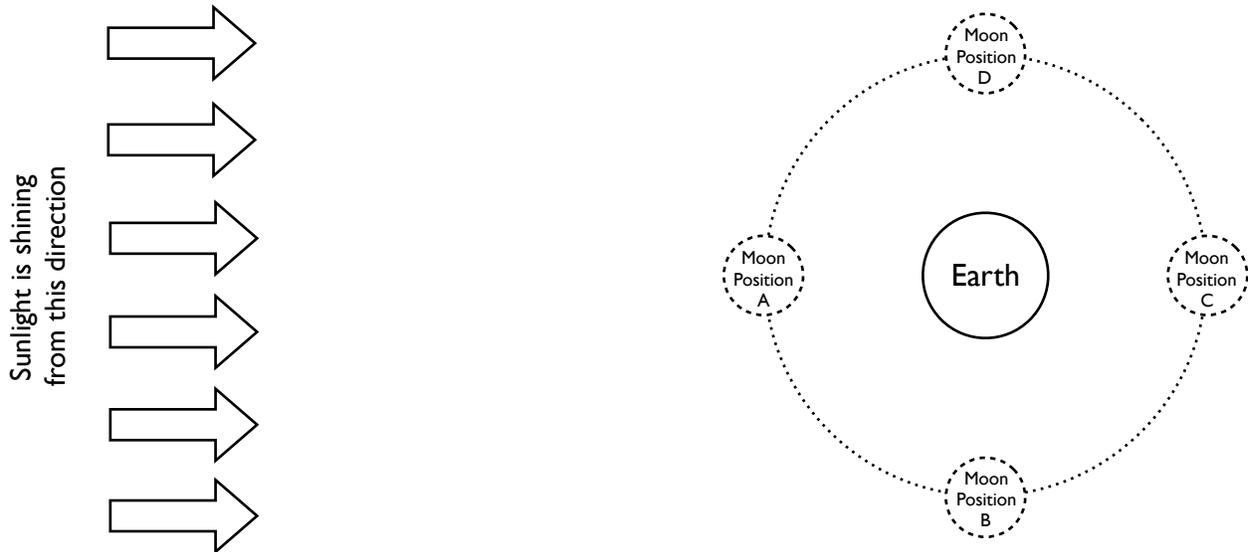
**Instructions:** You and your partner should **discuss your responses** to each question, then write your answers in your own packet.

### 1. Lunar or Solar Eclipse?

- a. During a **lunar eclipse**, something is blocking the \_\_\_\_\_ .  
< Sun / Moon >
  
- b. During a **solar eclipse**, something is blocking the \_\_\_\_\_ .  
< 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 / 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 \_\_\_\_\_ .  
< new / crescent / half / gibbous / full >

