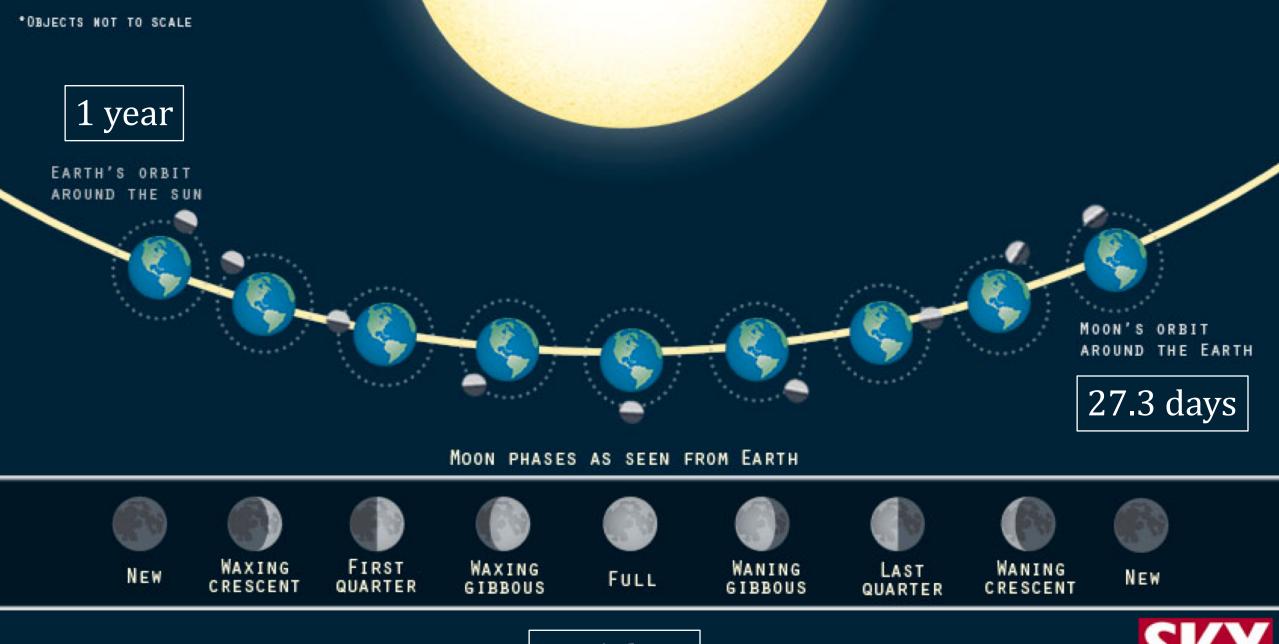




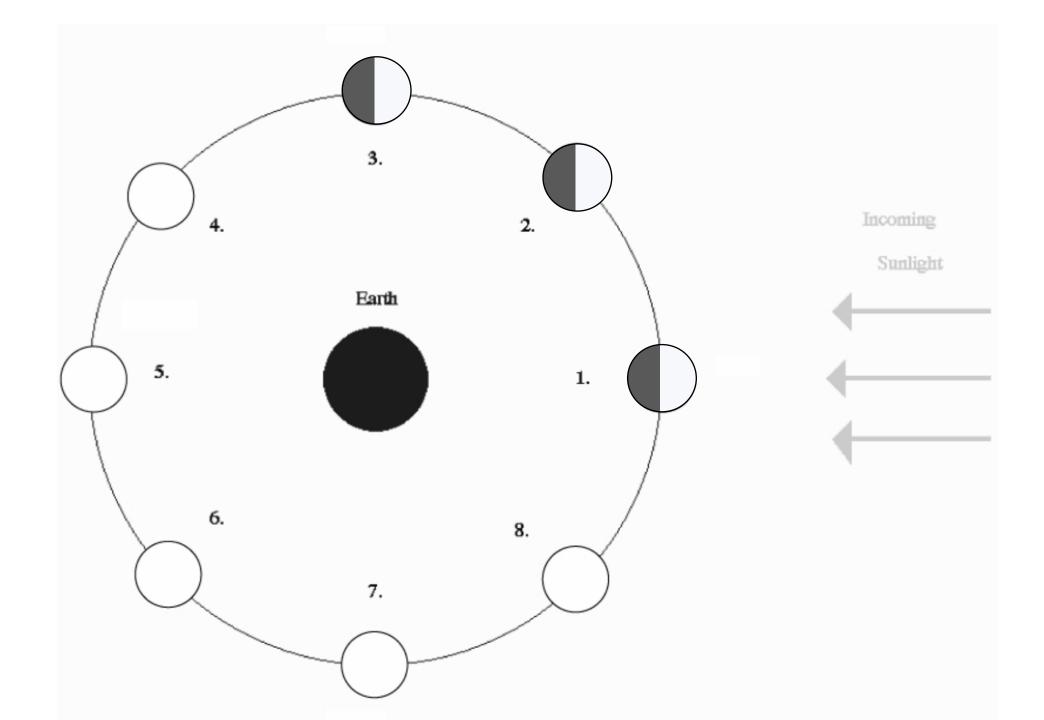
Phases of the Moon



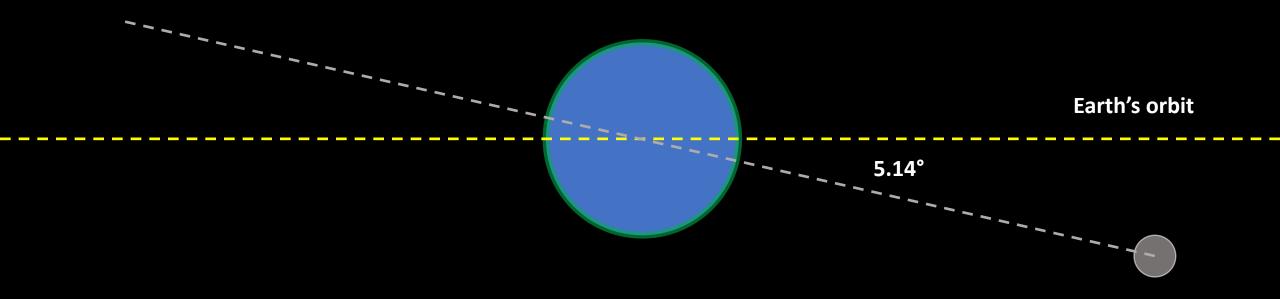


& TELESCOPE

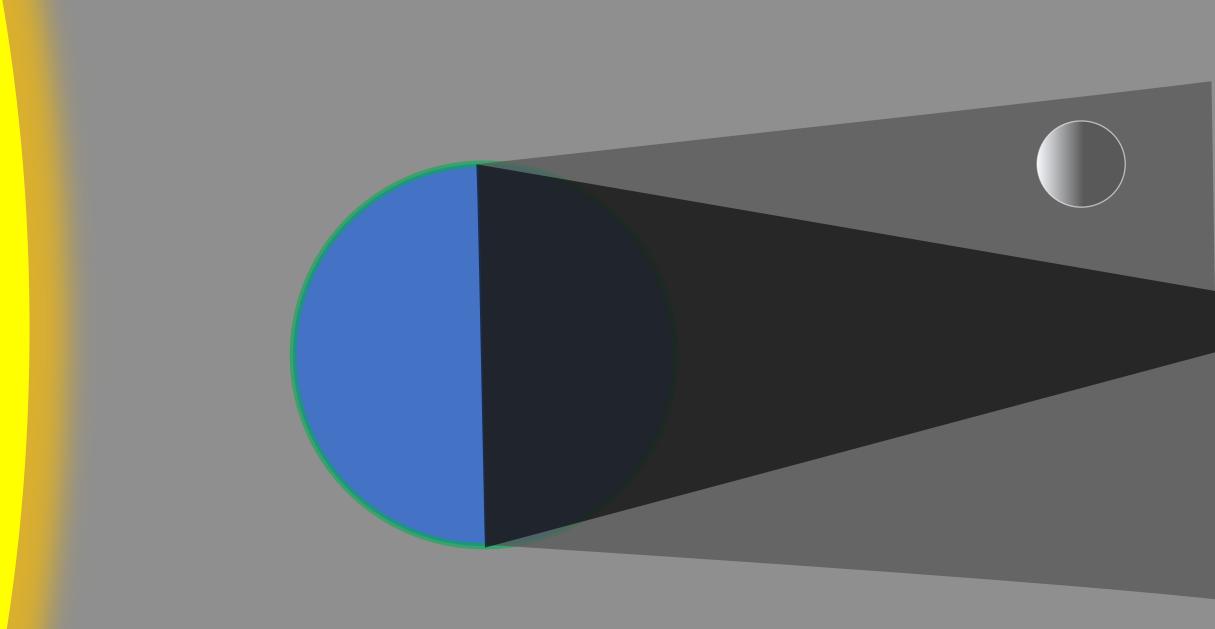




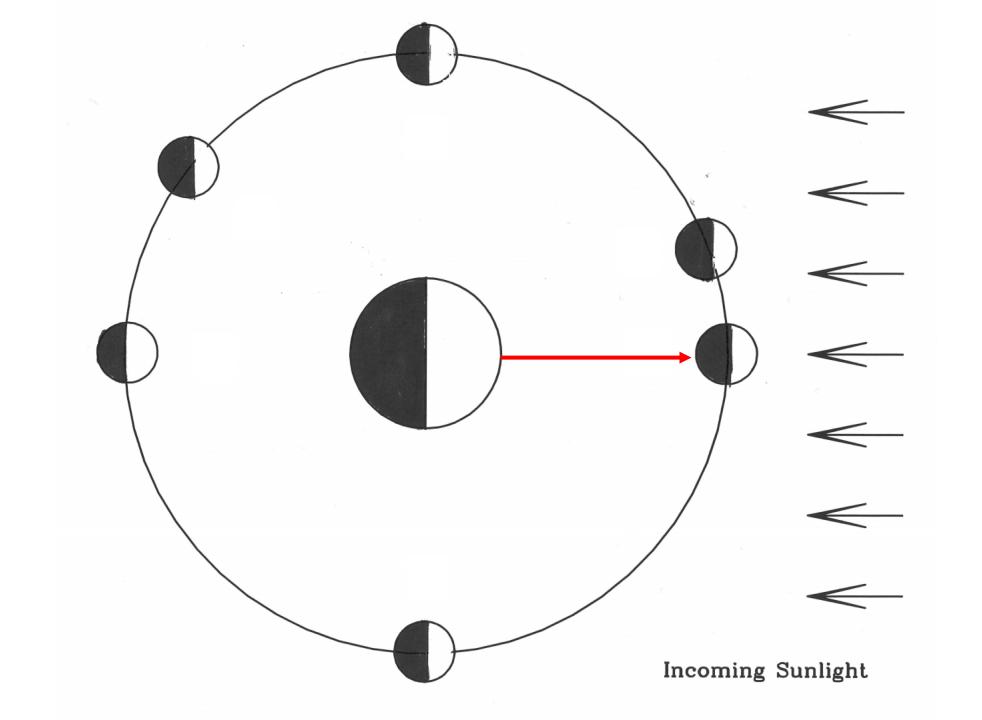
Wouldn't the Earth Block Moonlight?

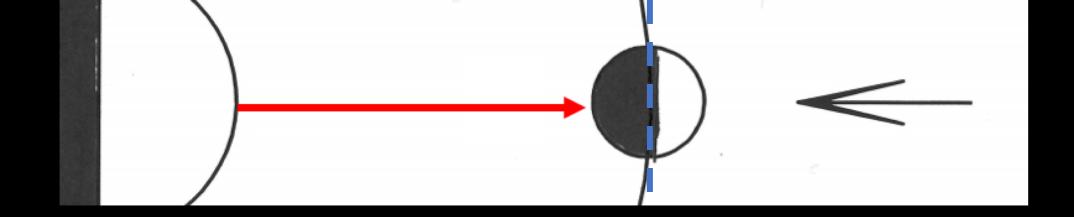


(sizes not to scale)



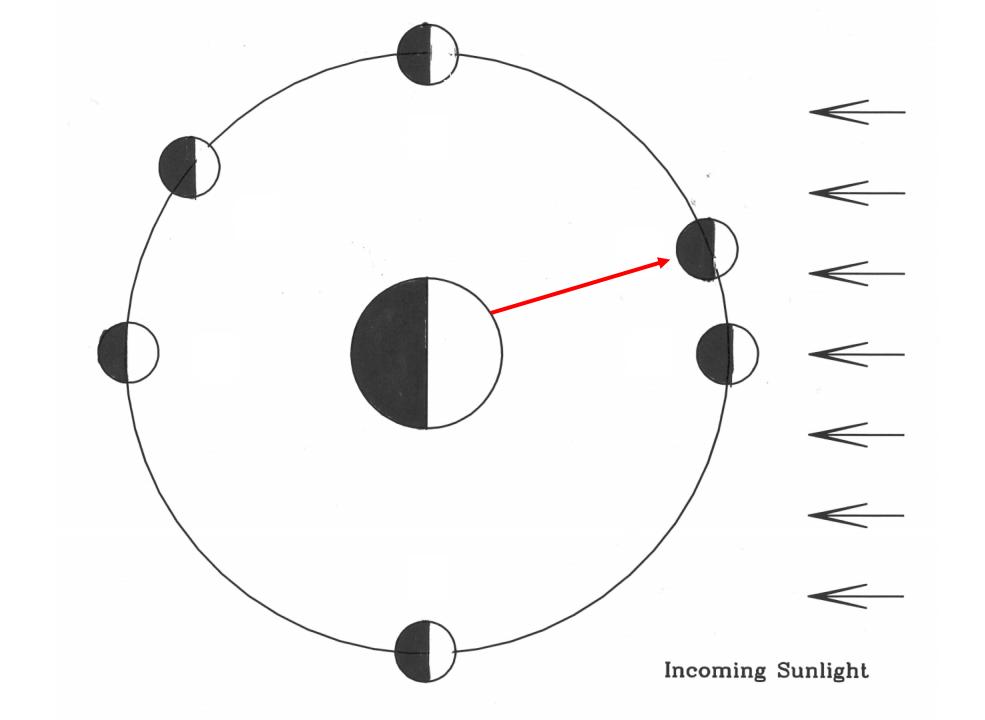
(sizes not to scale)

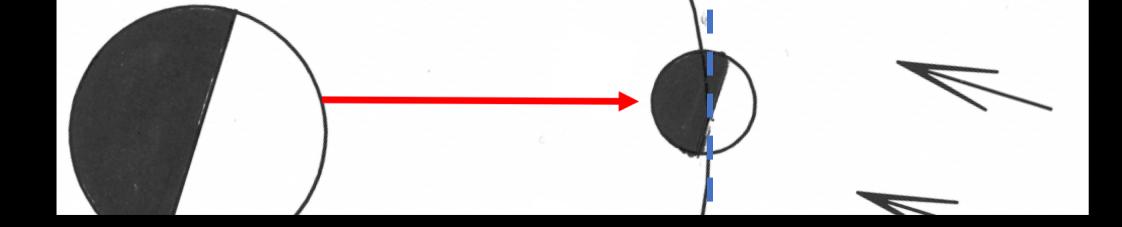




New Moon

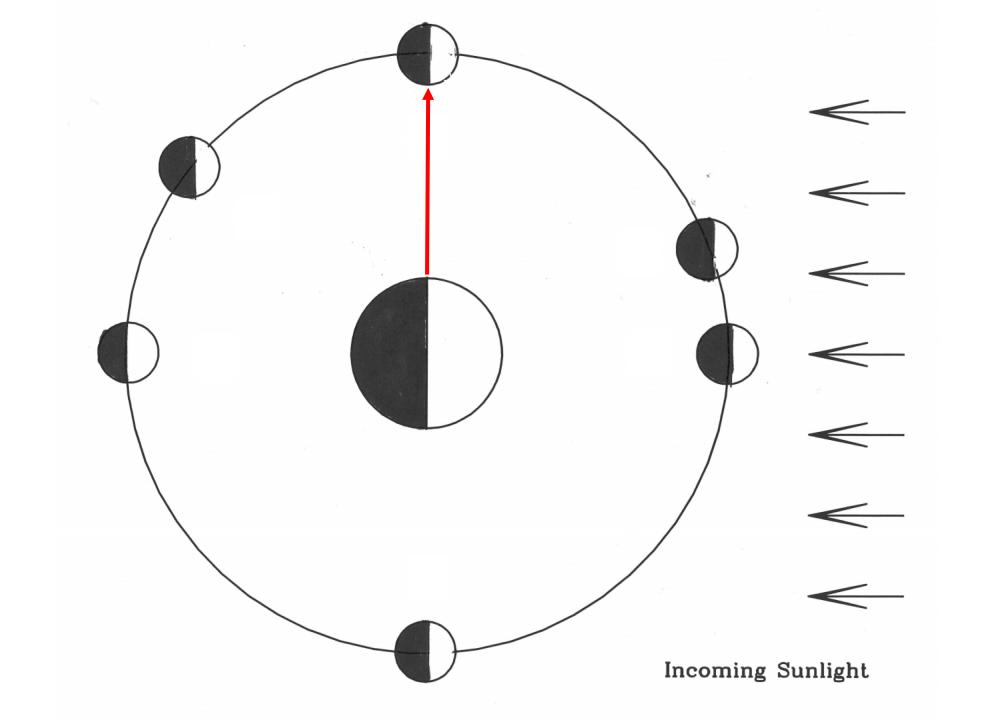


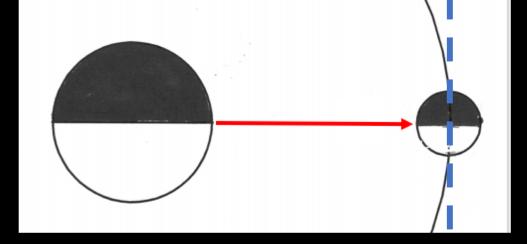




Waxing Crescent

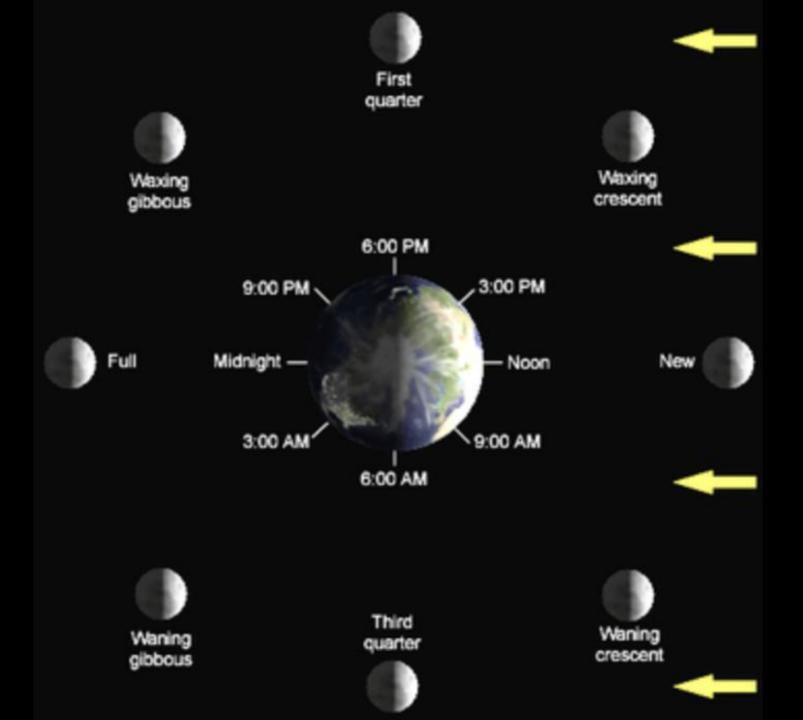






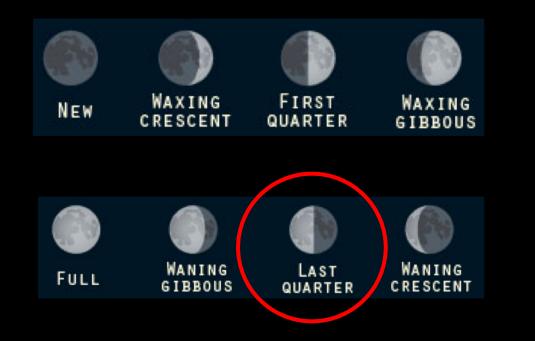
First Quarter





<u>Finding the Time of Day</u>: *Determine the Moon's Phase* (example)

South





West

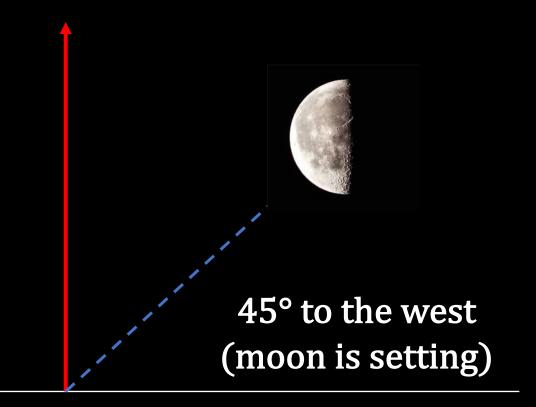
horizon

East

Finding the Time of Day: Determine the Moon's Position

(example)

South

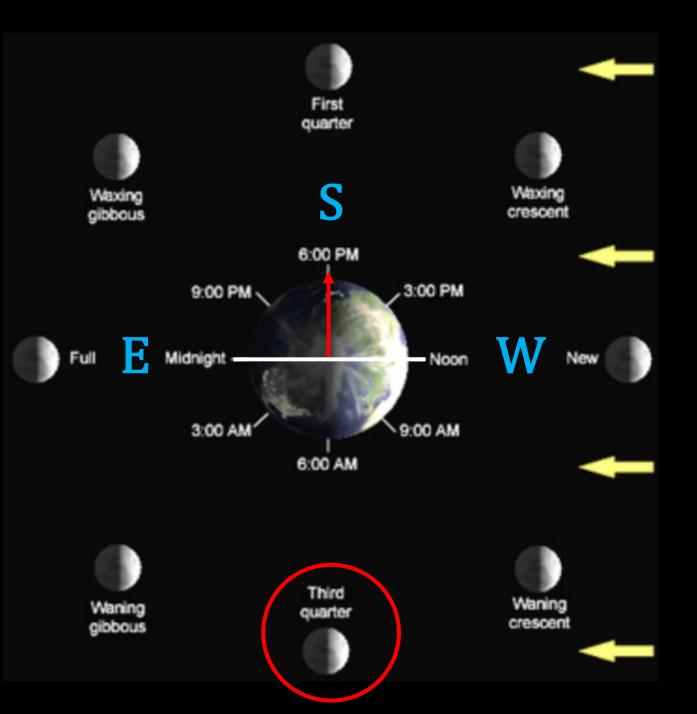


West

horizon

East

What direction would the arrow need to be facing (i.e., what time) such that the *last quarter moon* is <u>45°</u> from the western <u>horizon</u>?



9:00 am!

