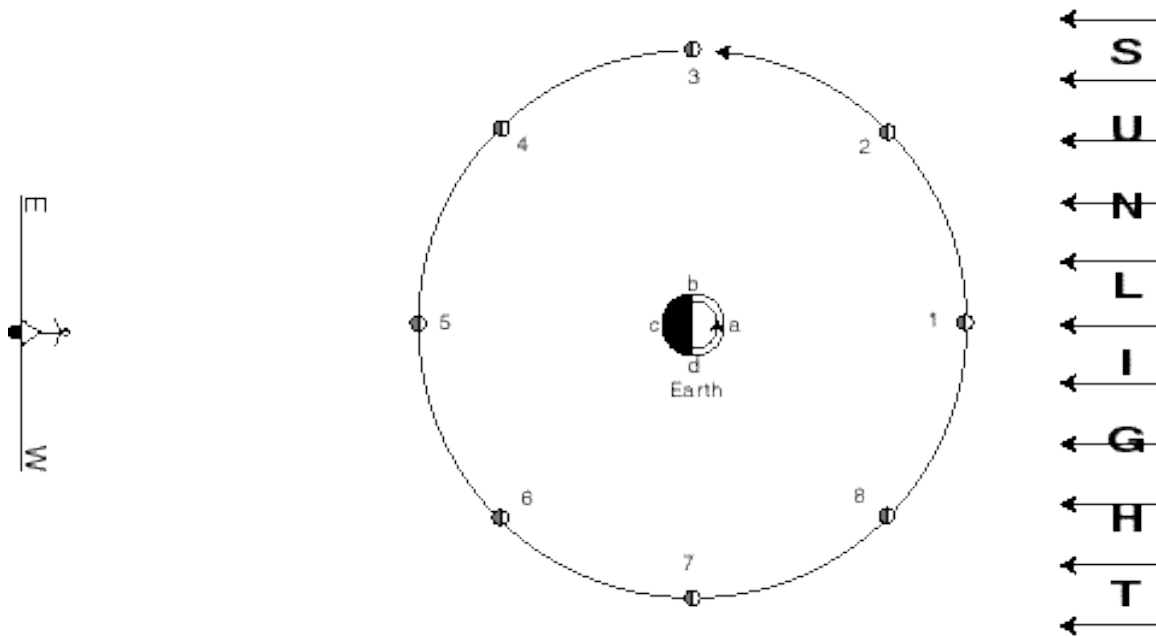


AST101: MOON TIMING



1. What is the phase of the moon at position #8, as seen from Earth? (include waxing or waning)
2. What approximate time is it if you are standing at position "c" on Earth? (Possible answers: sunrise, midday, sunset, midnight.)
3. Standing at position "d" on Earth, what moon phase would appear in the southern sky?
4. What moon phase rises about sunrise?
5. What moon phase sets about midnight?
6. The First Quarter moon appears above the horizon from when to when? (Possible answers: Sunrise to sunset, Sunset to sunrise, Midday to midnight, Midnight to midday.)
7. At midday, what phase is below the horizon? (Possible answers: New, First Quarter, Full, Last Quarter.)
8. If sunlight is coming from the left rather than the right, what is the moon phase at position #1?
9. What phase would Earth have as seen from the moon at position #2?