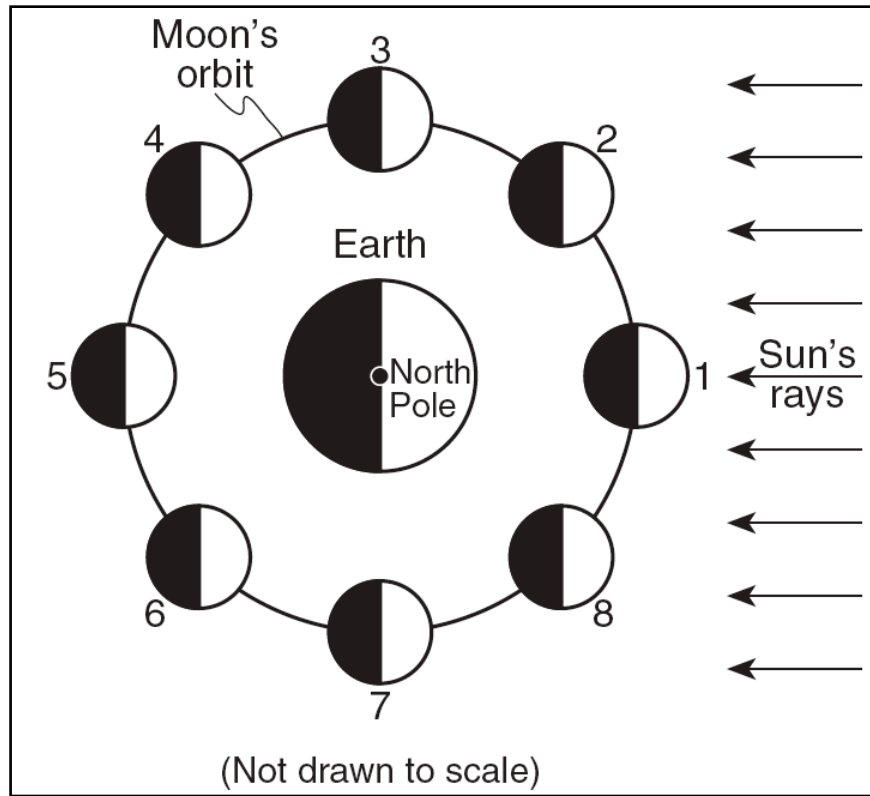


INSTRUCTIONS

Base your answers to questions 1-10 on the diagram below and your knowledge of Earth Science.



1. Which moon phase is visible from Earth when the Moon is located at position 3? _____
2. Which moon phase is visible from Earth when the Moon is located at position 8? _____
3. About how many weeks does it take for the Moon to revolve from position 1 to position 7? _____
4. In which position of the Moon (which number) could a lunar eclipse occur? _____
5. In which position of the Moon (which number) could a solar eclipse occur? _____
6. Explain why eclipses do not occur every month? _____

7. In which two positions of the Moon does a Spring tide occur? _____
8. In which two positions of the Moon does a Neap tide occur? _____
9. Which type of tide is has higher highs and lower lows? Why? _____

10. What motion of the Moon causes us to see phases? _____