

# Phases Of The Moon Ticket

Name \_\_\_\_\_ Per \_\_\_\_\_ Date \_\_\_\_\_

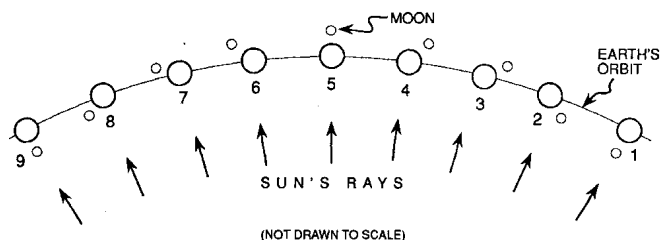
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1. A cycle of Moon phases can be seen from Earth because the

- 1) Moon's distance from Earth changes at a predictable rate
- 2) Moon's axis is tilted
- 3) Moon spins on its axis
- 4) Moon revolves around Earth

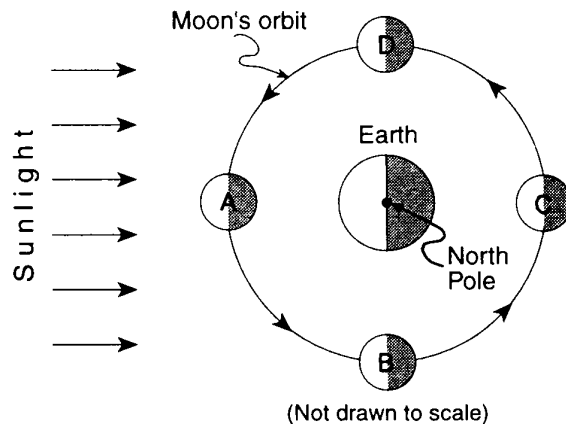
2. Base your answer to the following question on the diagram below which represents nine positions of the Earth in orbit around the Sun during one complete orbit of the Moon around the Earth.



Which phase of the Moon will be seen from the Earth at position 5?

- 1)
- 2)
- 3)
- 4)

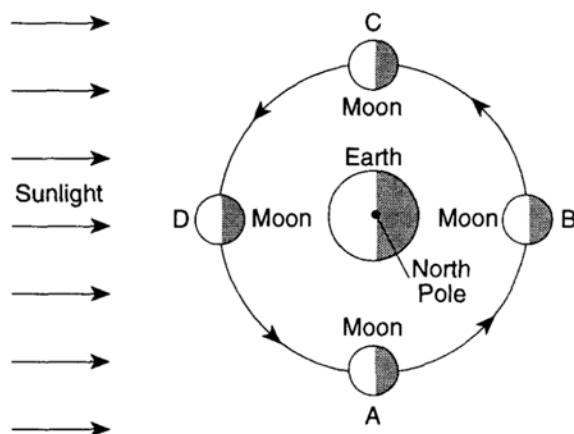
3. The diagram below shows a model of the Moon's orbit around Earth. Letters A, B, C, and D represent four positions in the Moon's orbit.



What is the approximate length of time the Moon takes to travel from position A to position C?

- 1) 1 day
- 2) 15 days
- 3) 30 days
- 4) 365 days

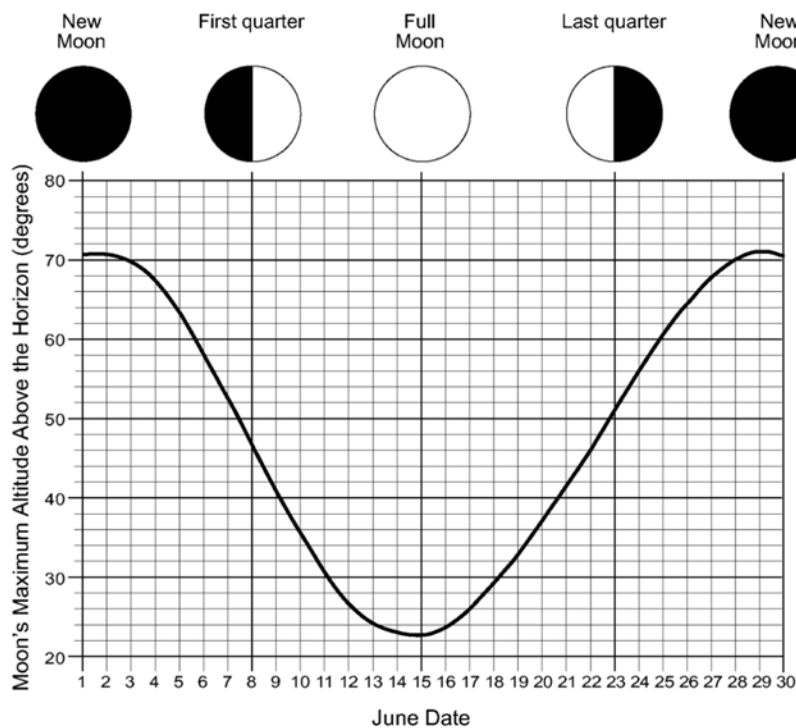
4. Base your answer to the following question on the diagram below, which shows the Moon in four different positions, A, B, C, and D, as it orbits Earth.



How does the Moon appear to an observer in New York when the Moon is located at position A?

- 1)  2)  3)  4) 

5. Base your answer to the following question on the graph below, which shows the maximum altitude of the Moon, measured by an observer located at a latitude of  $43^\circ$  N during June in a particular year. The names and appearance of the four major Moon phases are shown at the top of the graph, directly above the date on which the phase occurred.



Draw the phase of the moon for June 11 within the circle shown to the right:

