

Earth, Sun & Moon System 2: Choose the one best answer for each question.

1. What causes the Moon's phases?

- A) Earth's shadow covering the Moon each night
 B) The Moon changing shape
 C) Different amounts of the Moon's sunlit side being visible from Earth
 D) Clouds blocking part of the Moon

2. What is a new moon?

- A) When the Moon is fully lit
 B) When the side facing Earth is not lit by the Sun
 C) When the Moon disappears forever
 D) When Earth blocks sunlight from the Moon

3. During a full moon, the side of the Moon facing Earth is:

- A) Completely dark
 B) Half lit
 C) Fully lit by the Sun
 D) Blocked by Earth's shadow

4. What does waxing mean when describing the Moon?

- A) The lit portion is increasing
 B) The lit portion is decreasing
 C) The Moon is moving farther from Earth
 D) The Moon is spinning faster

5. What does waning mean when describing the Moon?

- A) The Moon is getting brighter forever
 B) The lit portion is decreasing
 C) The Moon is closer to the Sun
 D) The Moon has stopped moving

6. Which phase comes directly after a new moon?

- A) Full moon
 B) Third quarter
 C) Waxing crescent
 D) Waning gibbous

7. Which phase comes directly after a full moon?

- A) Waning gibbous
 B) Waxing crescent
 C) First quarter
 D) New moon

8. The Moon shines because it:

- A) Produces its own light
 B) Reflects light from the Sun
 C) Is made of glowing rock
 D) Absorbs Earth's light

9. About how long does it take the Moon to complete one cycle of phases?

- A) 1 day
 B) 1 week
 C) About 1 month
 D) 1 year

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