

Name _____

Moons of Planets: Celestial Companions in the Night Sky

Multiple Choice Questions

1. What is a moon?
 - a) A star
 - b) A natural satellite that orbits a planet
 - c) A comet
 - d) A planet

2. How do moons primarily reflect light?
 - a) They generate their own light.
 - b) They absorb light from space.
 - c) They reflect the light of the Sun or their parent planet.
 - d) They emit their own unique light.

3. What theory suggests that some moons were captured by a planet's gravity?
 - a) The accretion theory
 - b) The tidal theory
 - c) The collision theory
 - d) The capture theory

4. Which planet has the largest number of known moons in our solar system?
 - a) Earth
 - b) Mars
 - c) Jupiter
 - d) Venus

5. What role do moons play in stabilizing a planet's climate?
 - a) They have no effect on a planet's climate.
 - b) They cause extreme weather conditions.
 - c) They help stabilize the planet's axial tilt, which is essential for maintaining stable climates.
 - d) They create tidal waves that influence the climate.

