

Name _____

Moons and Planets: Exploring the Universe's Cosmic Partnerships

Multiple Choice Questions

1. Which planets in our solar system do not have any moons?
 - a) Mercury and Venus
 - b) Earth and Mars
 - c) Jupiter and Saturn
 - d) All planets have moons.

2. How many moons does Jupiter, a gas giant planet, have in our solar system?
 - a) 1
 - b) 2
 - c) 79
 - d) 83

3. What is the term for planets that orbit stars outside our solar system?
 - a) Extraterrestrial planets
 - b) Exotic planets
 - c) Exoplanets
 - d) Extroverted planets

4. How can moons form around planets?
 - a) By colliding with other moons
 - b) By undergoing nuclear fusion
 - c) Through various processes like capture, collision, and debris accumulation
 - d) By traveling through wormholes

5. What role do moons play in their planetary systems?
 - a) Moons primarily serve as bases for future space exploration.
 - b) Moons help stabilize the axial tilt and climate of their planets.
 - c) Moons function solely as reflectors of solar radiation.
 - d) Moons are responsible for triggering volcanic activity on their planets.

