

Name _____

Could Humans Call the Moon Home?

Multiple Choice Questions

1. What is the approximate distance between Earth and the Moon?
 - a) 100,000 miles (160,934 kilometers)
 - b) 238,855 miles (384,400 kilometers)
 - c) 1,000,000 miles (1,609,344 kilometers)
 - d) 50,000 miles (80,467 kilometers)

2. Why is it challenging for humans to live on the Moon?
 - a) It has a breathable atmosphere.
 - b) Extreme temperature fluctuations.
 - c) Abundant food and water sources.
 - d) Dense cloud cover.

3. What are some of the challenges scientists face when planning for lunar living?
 - a) Gravity fluctuations
 - b) Radiation exposure, sustainable resources, and psychological effects
 - c) Finding suitable building materials
 - d) Navigating the Moon's complex terrain

4. What is the purpose of lunar bases and habitats?
 - a) To study lunar rocks
 - b) To house tourists
 - c) To provide shelter and resources for human survival
 - d) To grow crops

5. What is the goal of NASA's Artemis program?
 - a) To establish a permanent colony on Mars
 - b) To explore the outer planets
 - c) To create a lunar theme park
 - d) To establish a sustainable human presence on the Moon

