

Name \_\_\_\_\_

## Could Humans Call the Moon Home?

### Open-Ended Response Questions

1. Compare and contrast the challenges of living on the Moon with living on Earth. Highlight the main differences in environmental conditions, resource availability, and human adaptability.
2. Discuss the potential benefits of establishing a human presence on the Moon, including scientific research, space exploration, and the potential for future missions to Mars and beyond.
3. Imagine you are an astronaut preparing for a long-term stay on the Moon. Describe your daily routine, emphasizing how you would address the unique challenges of lunar living, such as obtaining food, water, and maintaining physical and mental health.
4. Some argue that the Moon could serve as a stepping stone for future human missions to Mars and beyond. Explain how lunar colonization could pave the way for further space exploration and what valuable lessons we could learn from living on the Moon.

